

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061181.D
 Acq On : 29 Apr 2020 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 15:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	114229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	189712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	90726	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	7.54	113	57337	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	244328	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.37	95	94277	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64889	53.569	ug/l	100
3) Chloromethane	2.03	50	73566	50.146	ug/l	100
4) Vinyl Chloride	2.16	62	86436	51.874	ug/l	100
5) Bromomethane	2.53	94	40791	49.524	ug/l	99
6) Chloroethane	2.67	64	54449	51.555	ug/l	97
7) Trichlorofluoromethane	2.98	101	97218	51.714	ug/l	100
8) Diethyl Ether	3.37	74	41563	53.005	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64647	53.379	ug/l	99
10) Methyl Iodide	3.90	142	78397	50.369	ug/l	100
11) Tert butyl alcohol	4.72	59	59624	246.256	ug/l	99
12) 1,1-Dichloroethene	3.69	96	61862	51.329	ug/l	98
13) Acrolein	3.56	56	39905	247.317	ug/l	97
14) Allyl chloride	4.27	41	126347	56.539	ug/l	97
15) Acrylonitrile	4.92	53	186442	250.846	ug/l	98
16) Acetone	3.77	43	157983	225.461	ug/l	100
17) Carbon Disulfide	4.01	76	169479	50.907	ug/l	98
18) Methyl Acetate	4.27	43	104386	45.809	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	235286	51.091	ug/l	100
20) Methylene Chloride	4.50	84	71838	50.971	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	69299	52.805	ug/l	97
22) Diisopropyl ether	5.90	45	271224	52.339	ug/l	99
23) Vinyl Acetate	5.83	43	1113873	266.958	ug/l	99
24) 1,1-Dichloroethane	5.79	63	139289	51.445	ug/l	99
25) 2-Butanone	6.78	43	266848	249.501	ug/l	99
26) 2,2-Dichloropropane	6.77	77	128981	56.558	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	80567	52.314	ug/l	99
28) Bromochloromethane	7.15	49	66663	51.947	ug/l	99
29) Tetrahydrofuran	7.16	42	186030	258.211	ug/l	99
30) Chloroform	7.32	83	140839	51.330	ug/l	99
31) Cyclohexane	7.61	56	132161	50.263	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	124944	52.294	ug/l	100
36) 1,1-Dichloropropene	7.75	75	107207	56.451	ug/l	99
37) Ethyl Acetate	6.87	43	119657	53.745	ug/l	100
38) Carbon Tetrachloride	7.73	117	96223	55.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	123071	57.786	ug/l	98
40) Benzene	8.00	78	311423	55.042	ug/l	99
41) Methacrylonitrile	7.16	41	171422	185.443	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	121540	56.704	ug/l	99
43) Isopropyl Acetate	8.12	43	201918	54.647	ug/l	100
44) Trichloroethene	8.80	130	80292	52.496	ug/l	100
45) 1,2-Dichloropropane	9.08	63	81728	54.069	ug/l	98
46) Dibromomethane	9.17	93	53650	57.324	ug/l	98
47) Bromodichloromethane	9.37	83	114346	56.921	ug/l	100
48) Methyl methacrylate	9.16	41	92748	55.626	ug/l	97
49) 1,4-Dioxane	9.16	88	20048	1059.259	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602792	277.159	ug/l	100
52) Toluene	10.12	92	194104	56.957	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	130955	57.854	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135505	56.625	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74043	54.470	ug/l	99
56) Ethyl methacrylate	10.40	69	121128	51.074	ug/l	99
57) 1,3-Dichloropropane	10.68	76	133912	56.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	302754	275.156	ug/l	100
59) 2-Hexanone	10.72	43	452215	285.799	ug/l	100
60) Dibromochloromethane	10.87	129	81455	57.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	76835	56.395	ug/l	99
64) Tetrachloroethene	10.60	164	83951	53.539	ug/l	99
65) Chlorobenzene	11.41	112	196329	54.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	72925	56.735	ug/l	100
67) Ethyl Benzene	11.48	91	381350	56.724	ug/l	100
68) m/p-Xylenes	11.59	106	281981	114.591	ug/l	100
69) o-Xylene	11.92	106	131936	55.817	ug/l	97
70) Styrene	11.94	104	227850	57.594	ug/l	99
71) Bromoform	12.10	173	55011	58.233	ug/l #	98
73) Isopropylbenzene	12.22	105	364808	54.719	ug/l	99
74) N-amyl acetate	12.04	43	184429	54.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	108713	52.295	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	154657	80.890	ug/l #	100
77) Bromobenzene	12.50	156	83427	54.208	ug/l	99
78) n-propylbenzene	12.56	91	443806	56.123	ug/l	99
79) 2-Chlorotoluene	12.65	91	255823	55.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	313396	56.796	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	41439	55.040	ug/l	96
82) 4-Chlorotoluene	12.75	91	275185	56.174	ug/l	99
83) tert-Butylbenzene	12.97	119	259264	55.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	315321	55.466	ug/l	100
85) sec-Butylbenzene	13.15	105	360826	56.882	ug/l	99
86) p-Isopropyltoluene	13.26	119	329221	57.603	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	156552	55.256	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	157950	54.563	ug/l	99
89) n-Butylbenzene	13.59	91	309179	59.009	ug/l	99
90) Hexachloroethane	13.85	117	35083	57.500	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	148216	54.560	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23682	53.939	ug/l	98

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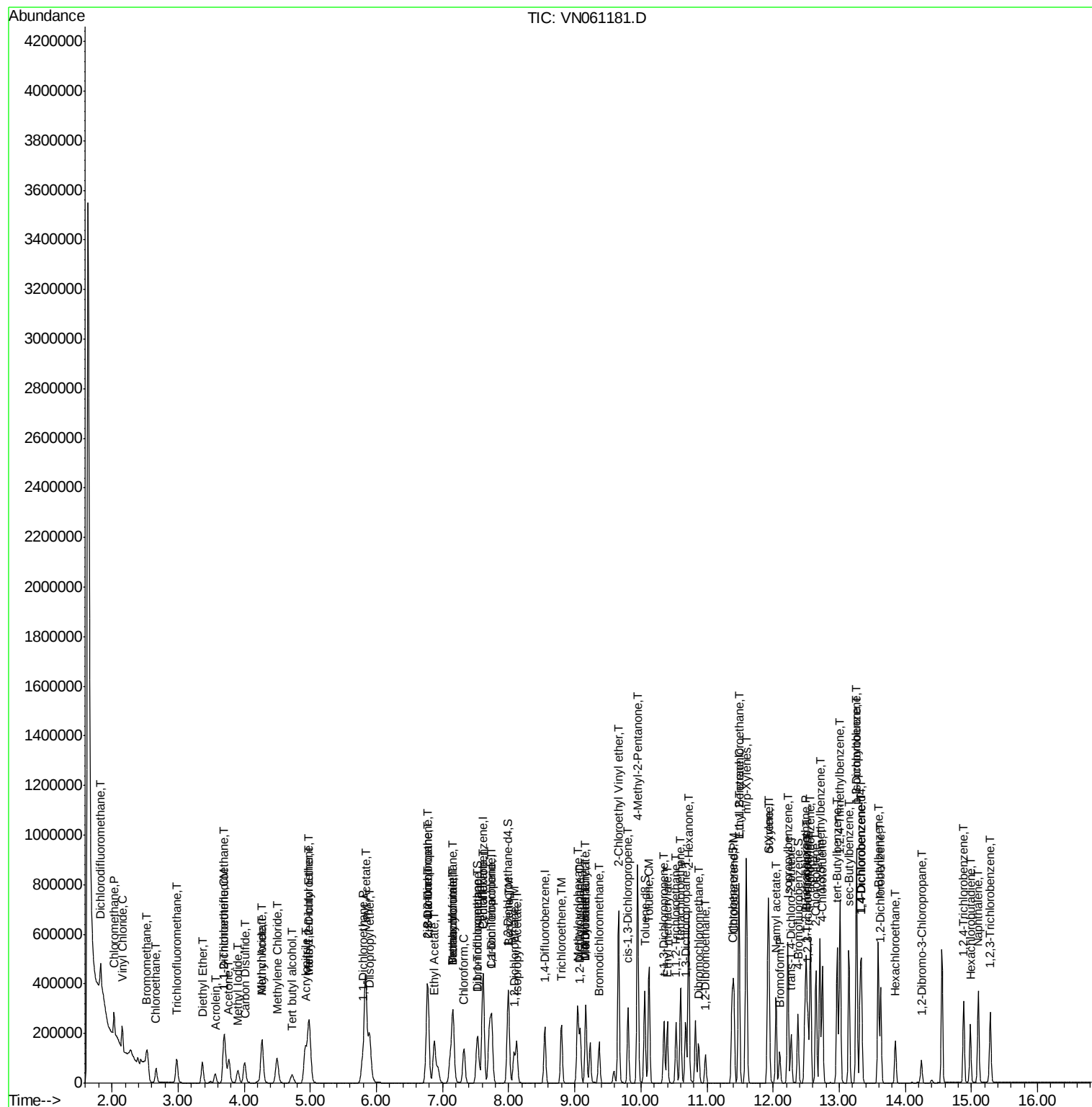
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93443	56.486	ug/l	99
94) Hexachlorobutadiene	14.98	225	40748	58.961	ug/l	98
95) Naphthalene	15.10	128	289767	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88334	54.085	ug/l	100

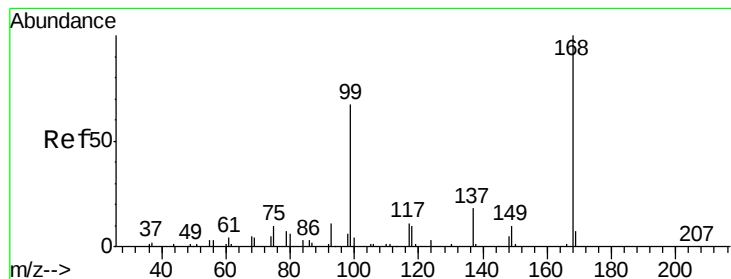
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

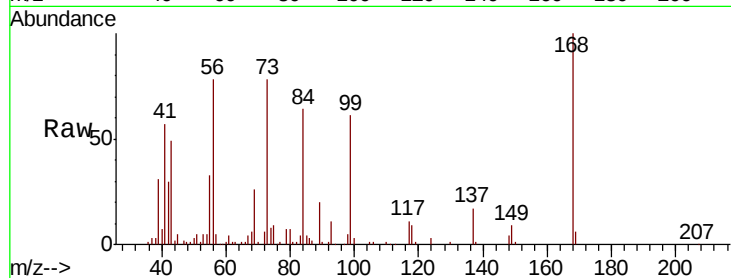
VSTDCCC050

Tot Ion:168 Resp: 114229

Ion Ratio Lower Upper

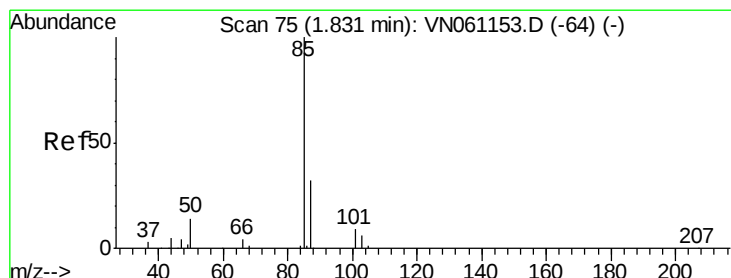
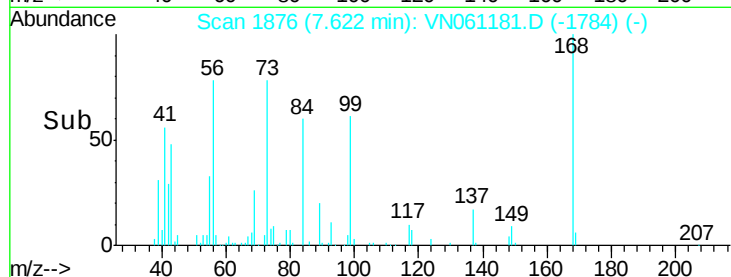
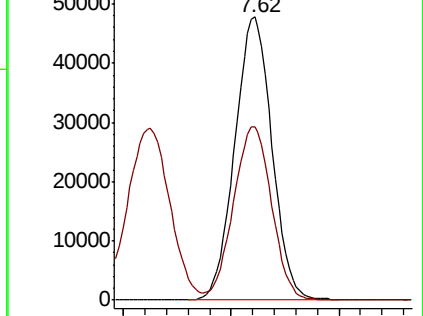
168 100

99 61.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 53.569 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061181.D

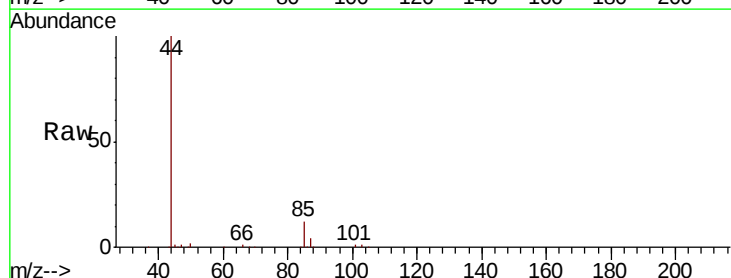
Acq: 29 Apr 2020 10:02

Tgt Ion: 85 Resp: 64889

Ion Ratio Lower Upper

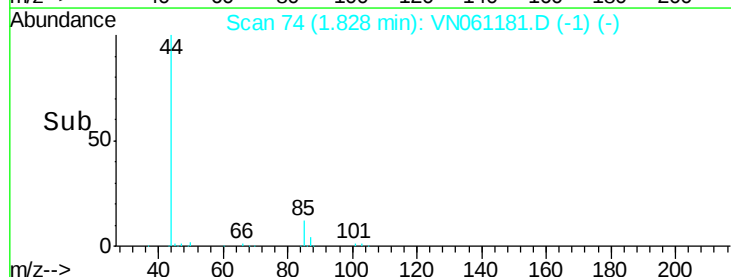
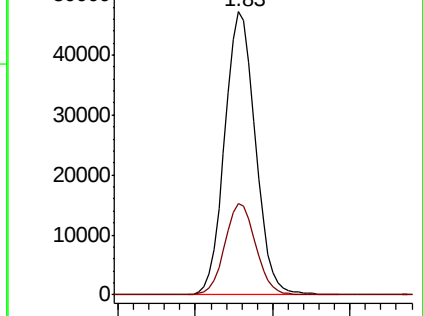
85 100

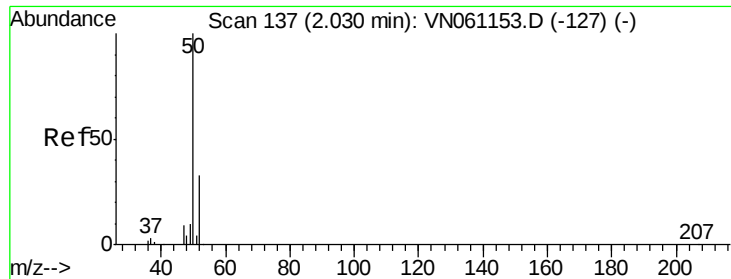
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.146 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

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ClientSampleId :

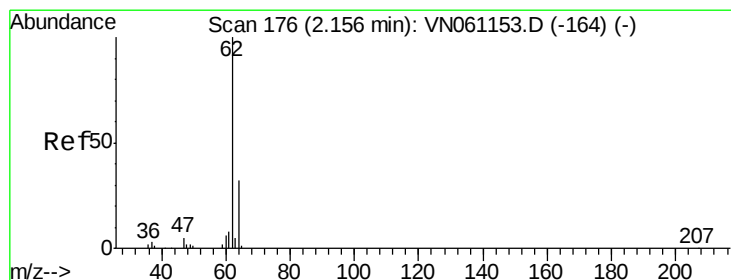
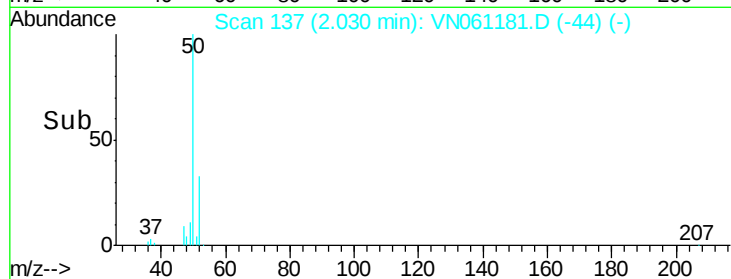
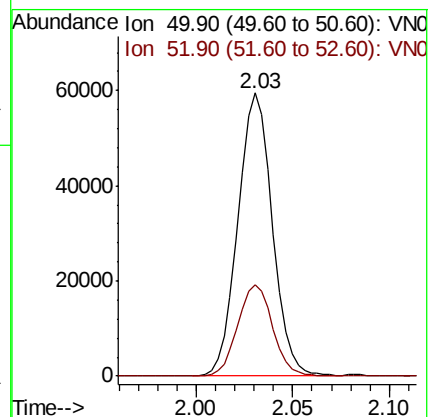
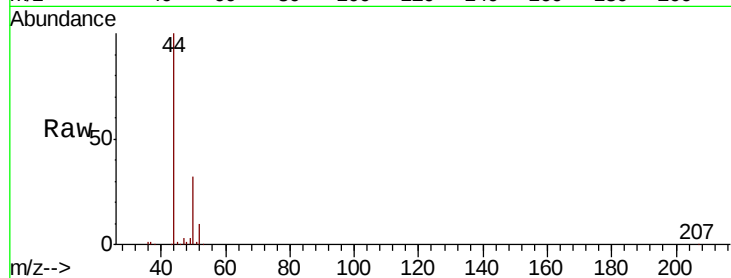
VSTDCCC050

Tot Ion: 50 Resp: 73566

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 51.874 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061181.D

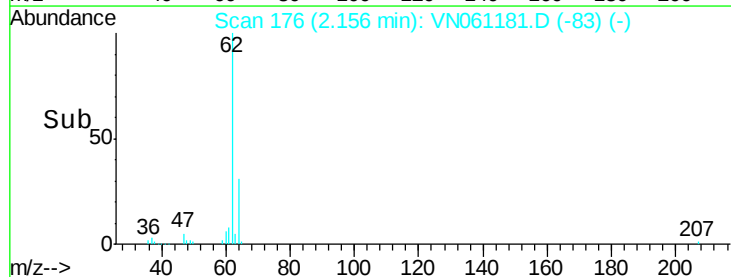
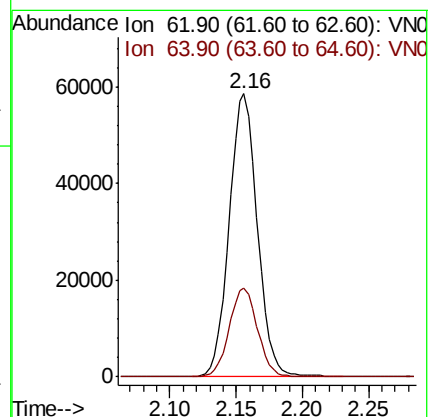
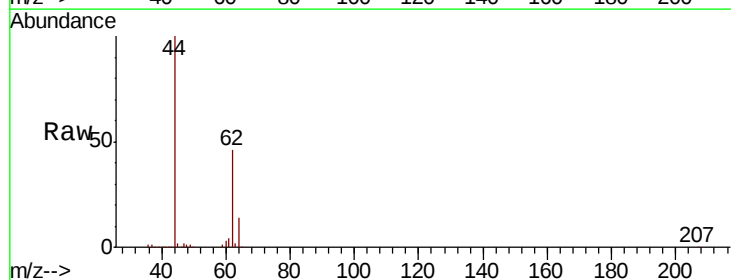
Acq: 29 Apr 2020 10:02

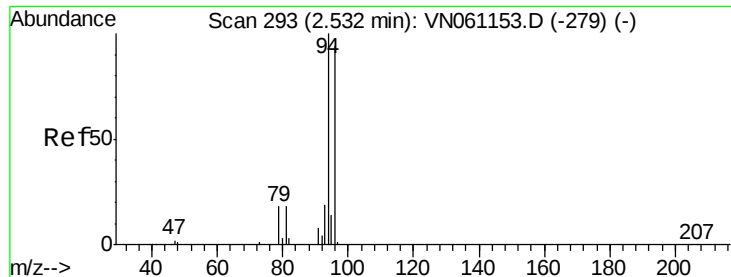
Tgt Ion: 62 Resp: 86436

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 49.524 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

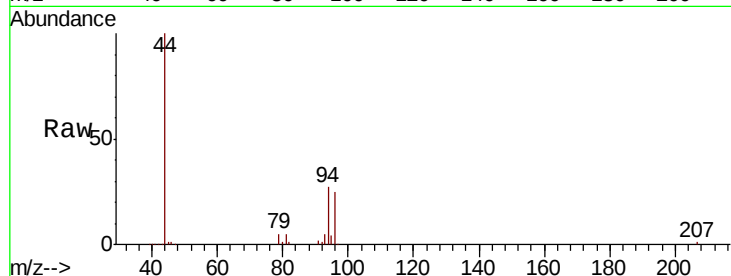
VSTDCCC050

Tot Ion: 94 Resp: 40791

Ion Ratio Lower Upper

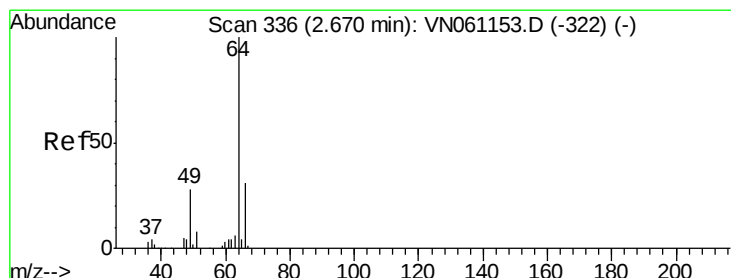
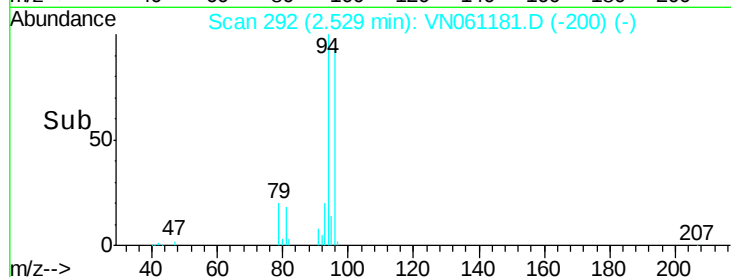
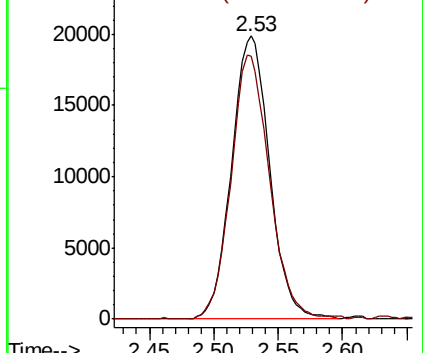
94 100

96 92.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.555 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061181.D

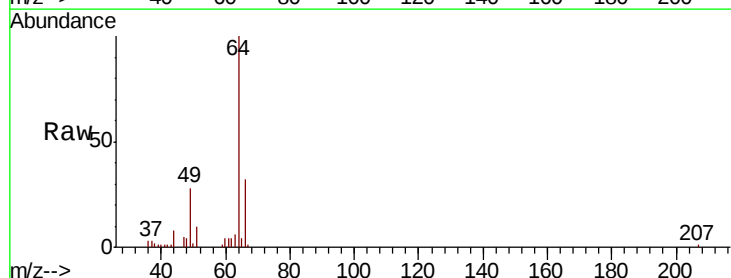
Acq: 29 Apr 2020 10:02

Tgt Ion: 64 Resp: 54449

Ion Ratio Lower Upper

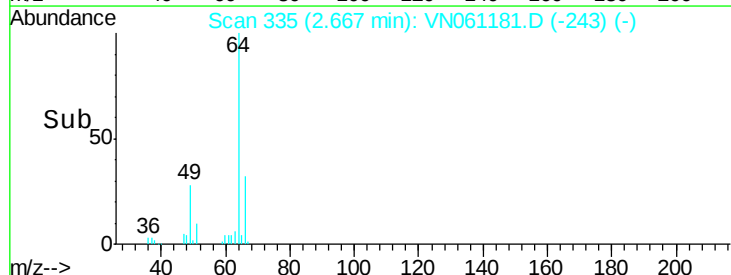
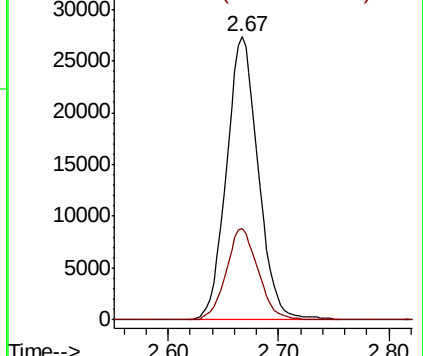
64 100

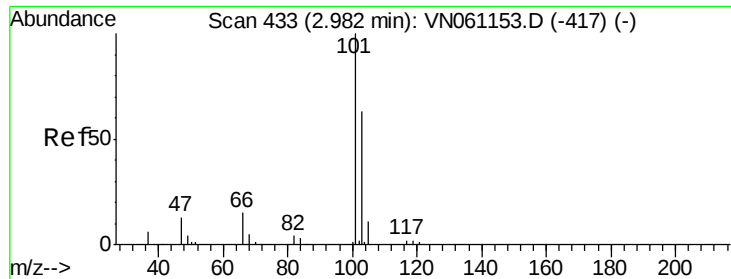
66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



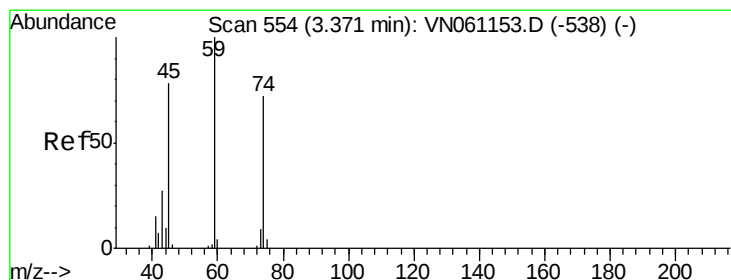
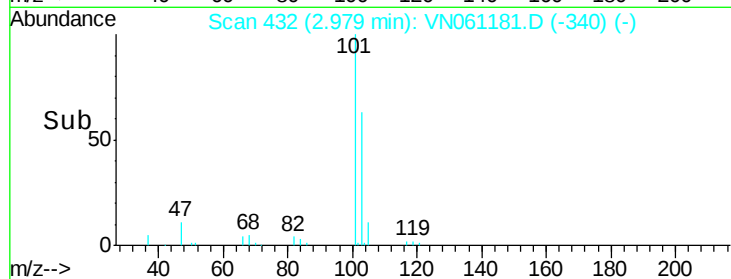
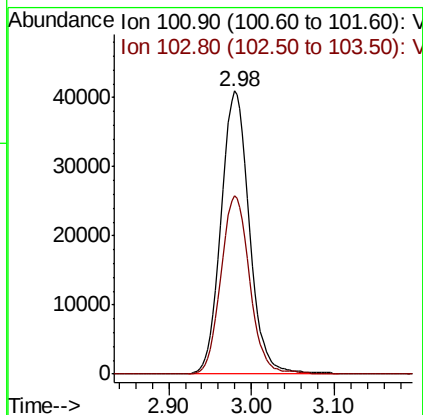
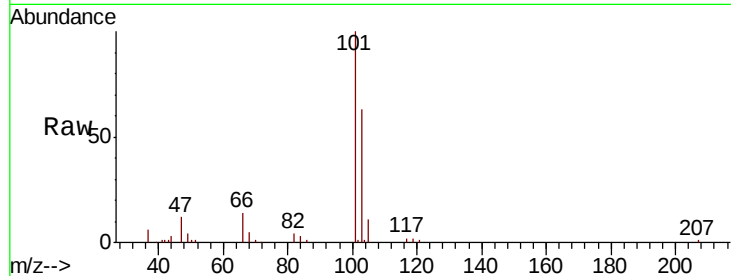


#7

Trichlorofluoromethane
Concen: 51.714 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061181.D
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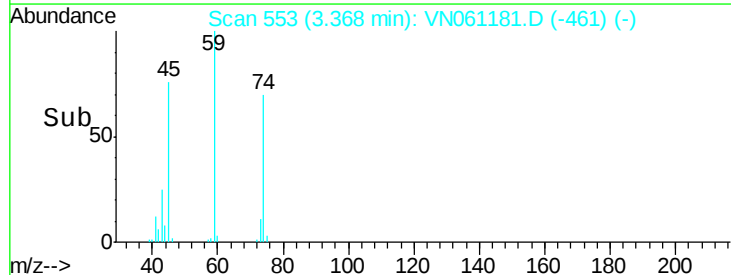
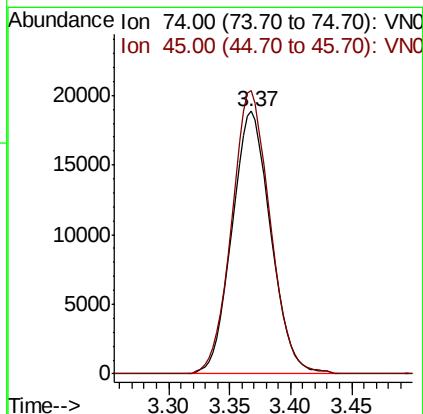
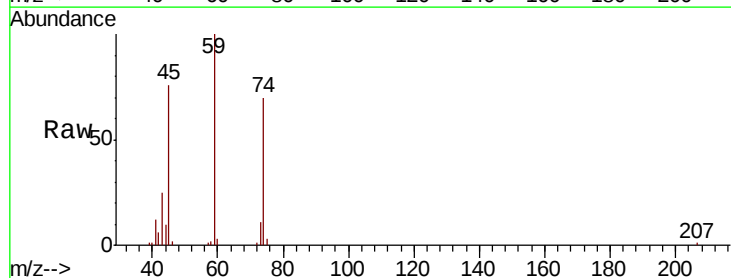
Tot Ion:101 Resp: 97218
Ion Ratio Lower Upper
101 100
103 62.9 50.6 76.0

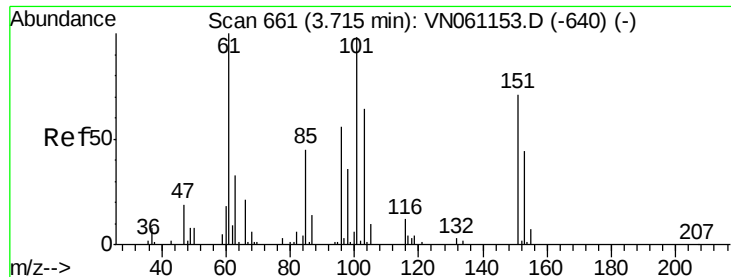


#8

Diethyl Ether
Concen: 53.005 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 74 Resp: 41563
Ion Ratio Lower Upper
74 100
45 106.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.379 ug/l

RT: 3.71 min Scan# 659

Delta R.T. -0.01 min

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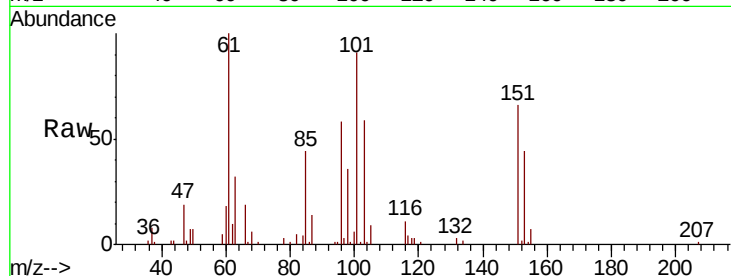
Tot Ion:101 Resp: 64647

Ion Ratio Lower Upper

101 100

85 46.4 37.2 55.8

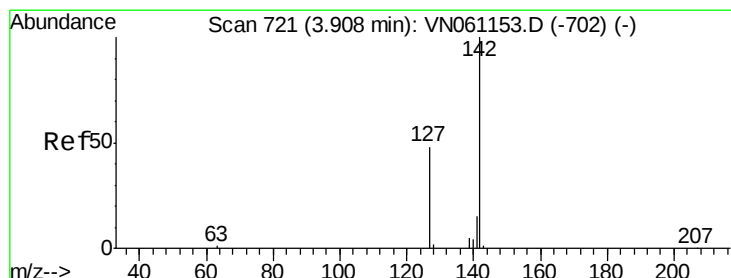
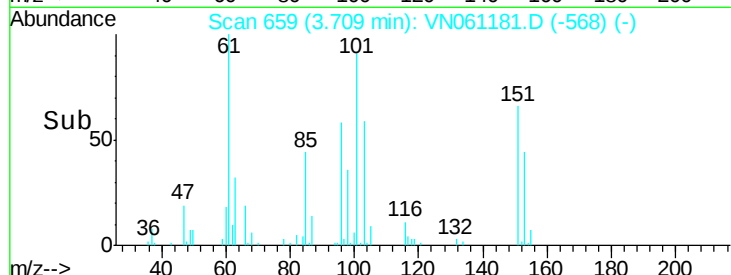
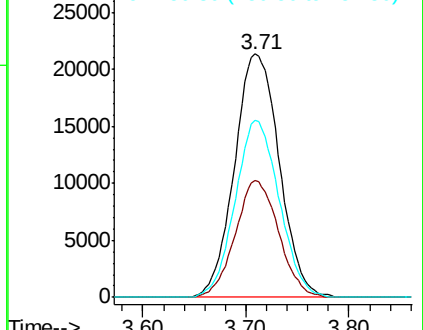
151 71.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.369 ug/l

RT: 3.90 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

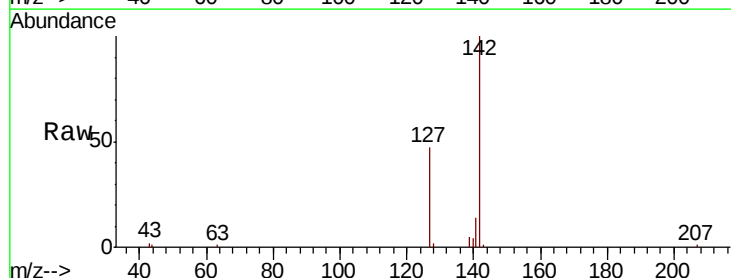
Tgt Ion:142 Resp: 78397

Ion Ratio Lower Upper

142 100

127 47.5 38.0 57.0

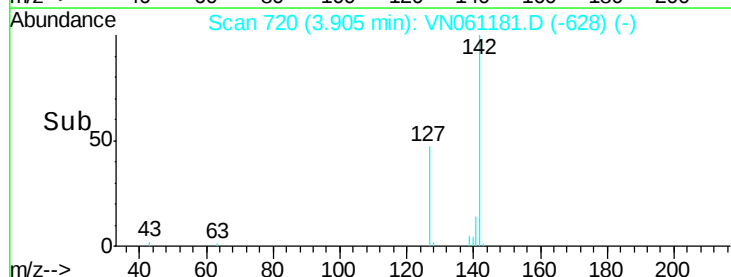
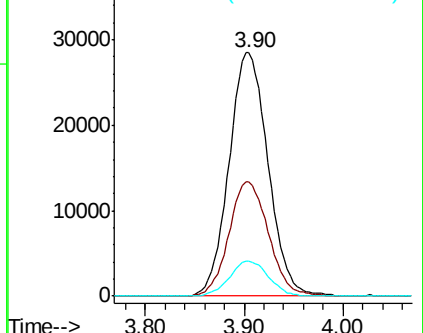
141 14.2 11.7 17.5

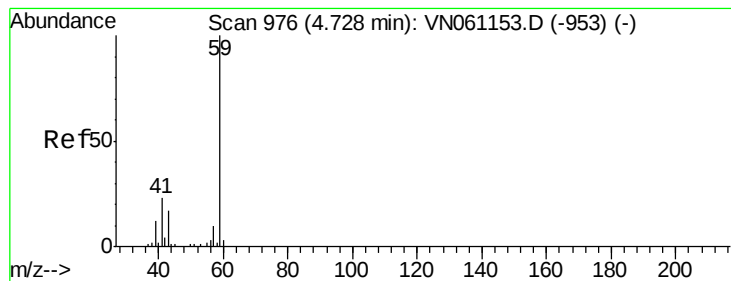


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



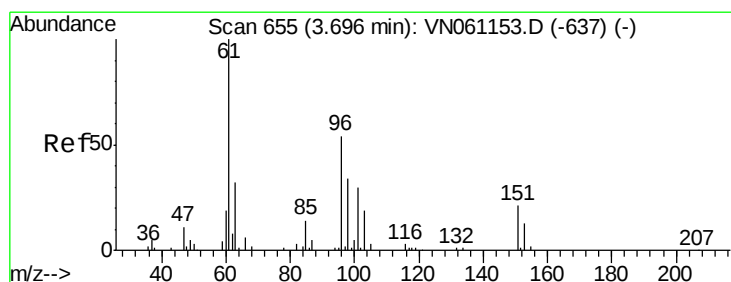
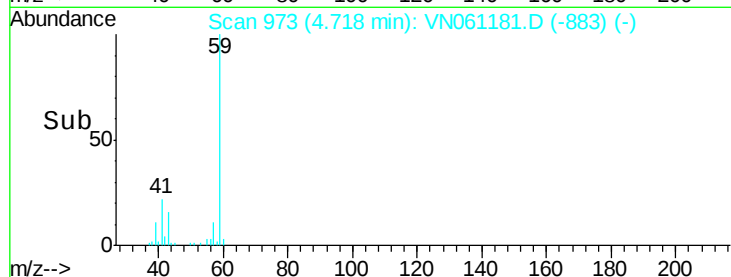
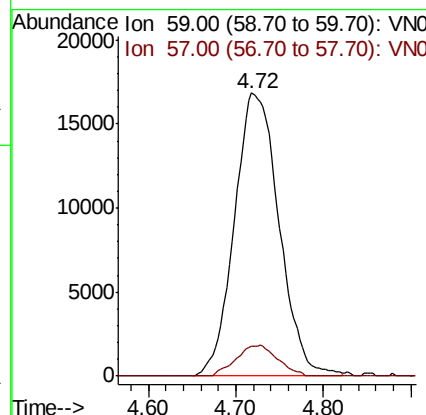
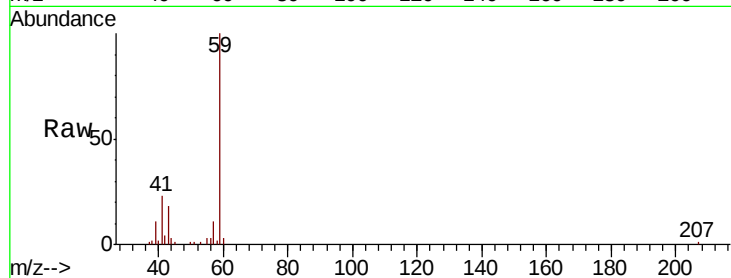


#11

Tert butyl alcohol
 Concen: 246.256 ug/l
 RT: 4.72 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

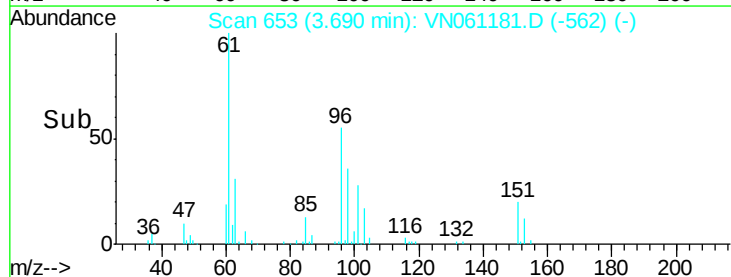
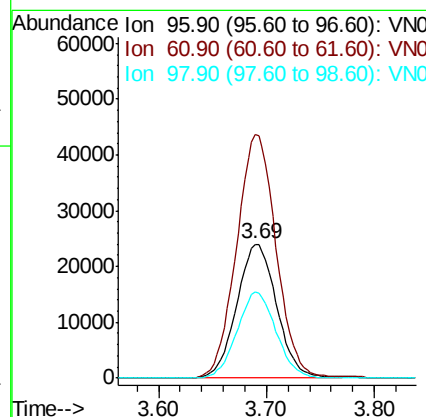
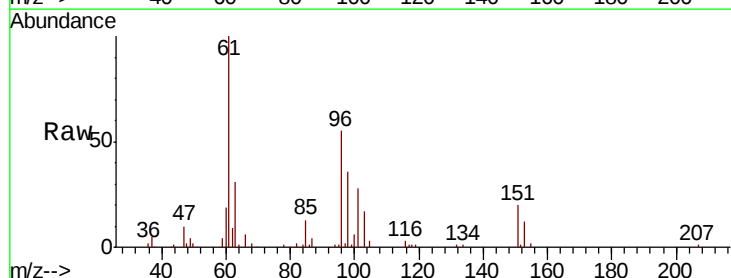
Tot Ion: 59 Resp: 59624
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

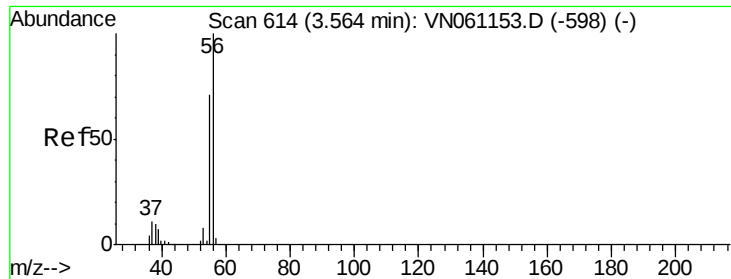


#12

1,1-Dichloroethene
 Concen: 51.329 ug/l
 RT: 3.69 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 96 Resp: 61862
 Ion Ratio Lower Upper
 96 100
 61 181.6 147.0 220.6
 98 64.6 49.8 74.6





#13

Acrolein

Concen: 247.317 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

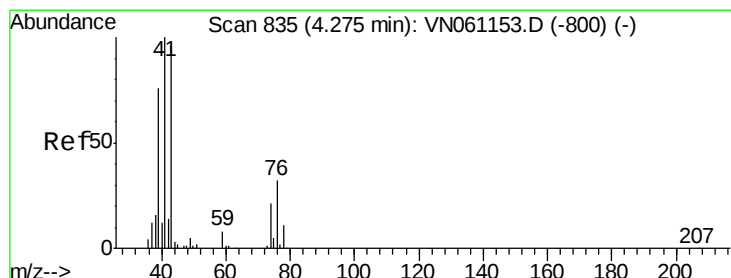
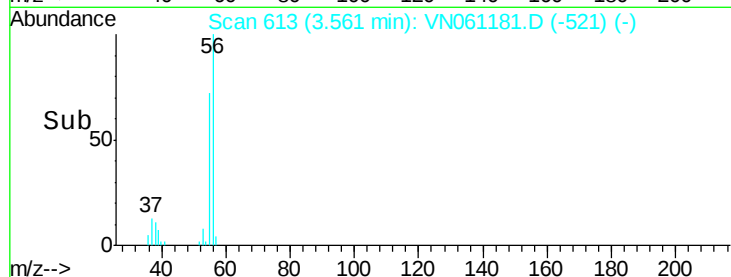
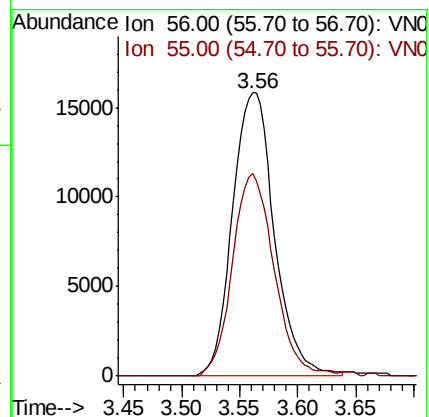
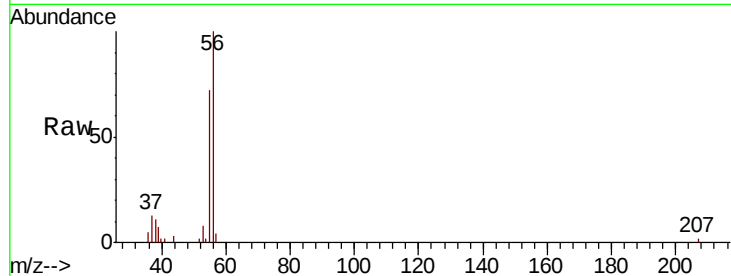
VSTDCCC050

Tot Ion: 56 Resp: 39905

Ion Ratio Lower Upper

56 100

55 70.7 58.5 87.7



#14

Allyl chloride

Concen: 56.539 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

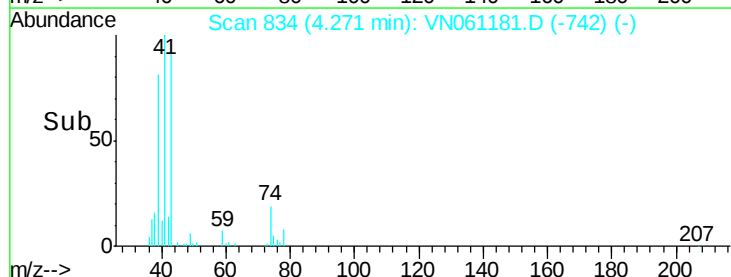
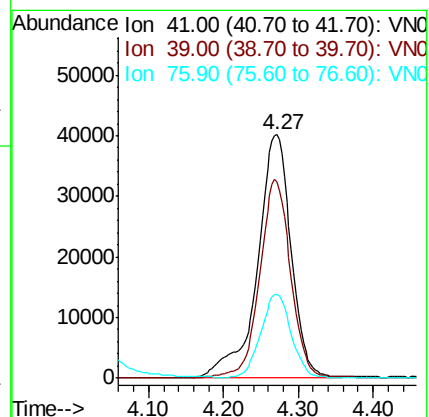
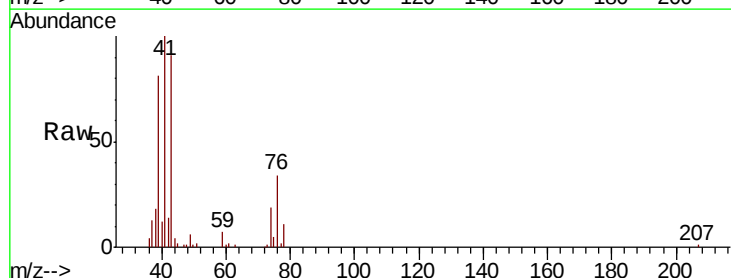
Tgt Ion: 41 Resp: 126347

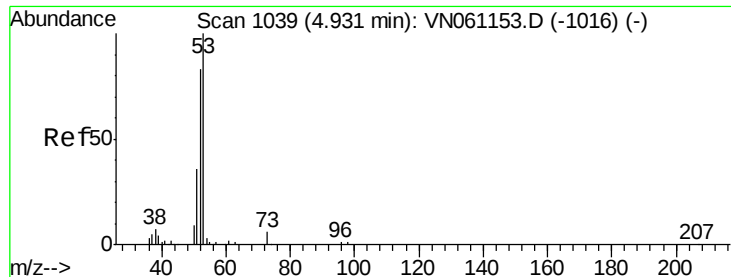
Ion Ratio Lower Upper

41 100

39 74.5 57.1 85.7

76 31.0 24.3 36.5





#15

Acrylonitrile

Concen: 250.846 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

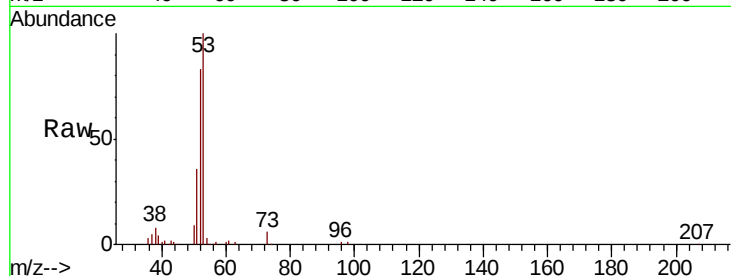
Tot Ion: 53 Resp: 186442

Ion Ratio Lower Upper

53 100

52 83.5 65.4 98.0

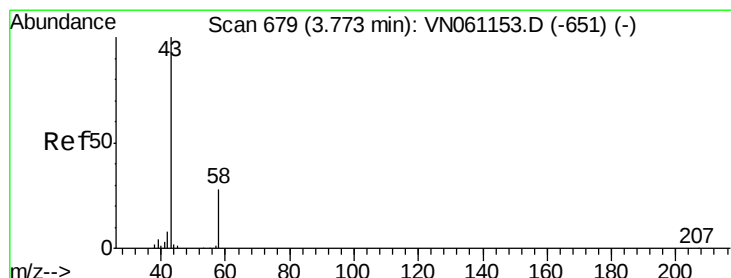
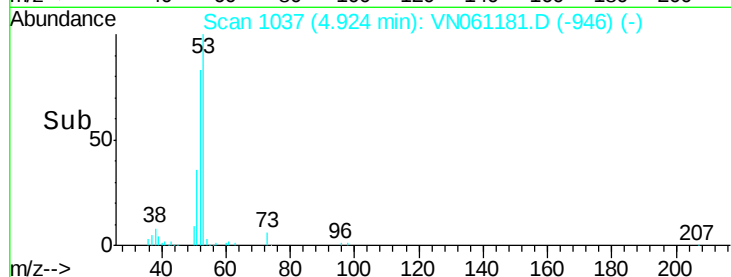
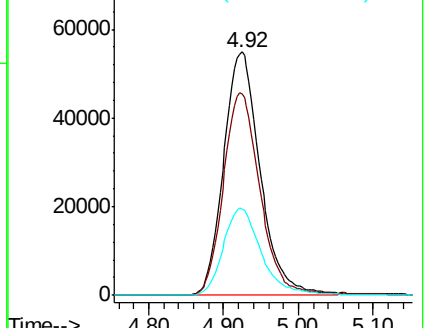
51 37.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061181.D (-946) (-)

Ion 52.00 (51.70 to 52.70): VN061181.D (-946) (-)

Ion 51.00 (50.70 to 51.70): VN061181.D (-946) (-)



#16

Acetone

Concen: 225.461 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN061181.D

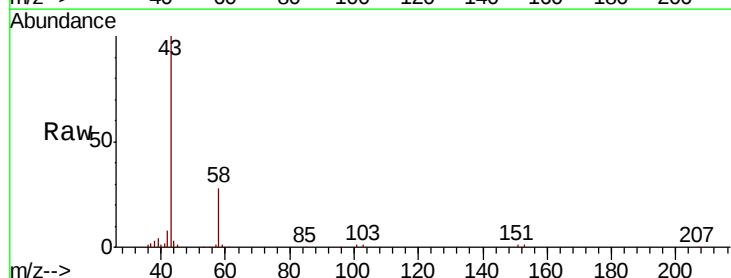
Acq: 29 Apr 2020 10:02

Tgt Ion: 43 Resp: 157983

Ion Ratio Lower Upper

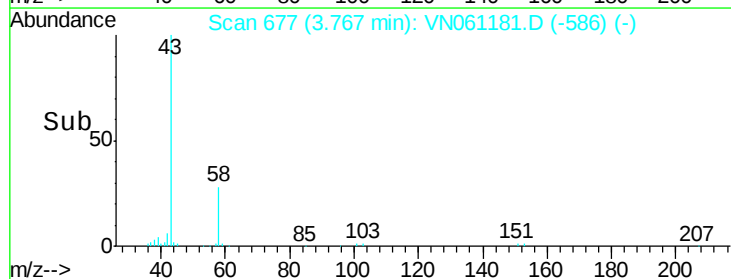
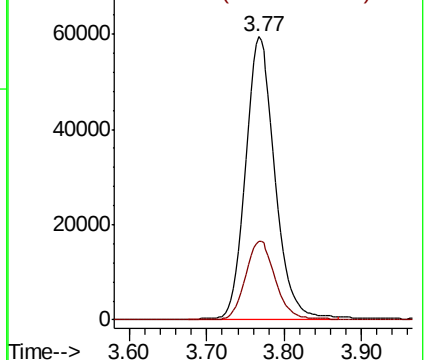
43 100

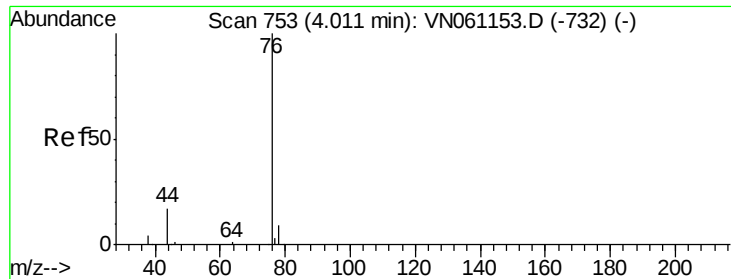
58 27.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061181.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061181.D (-586) (-)

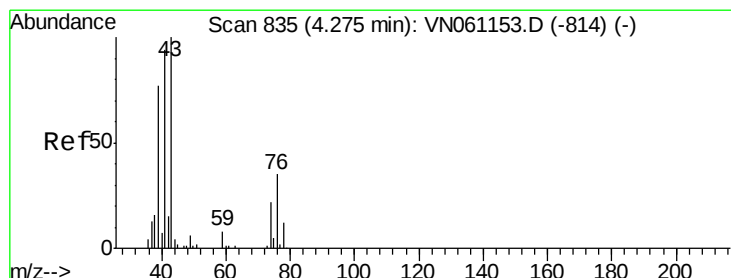
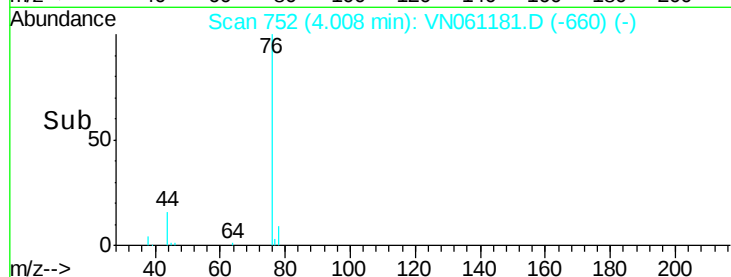
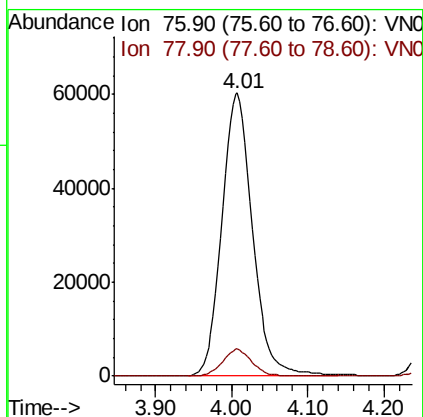
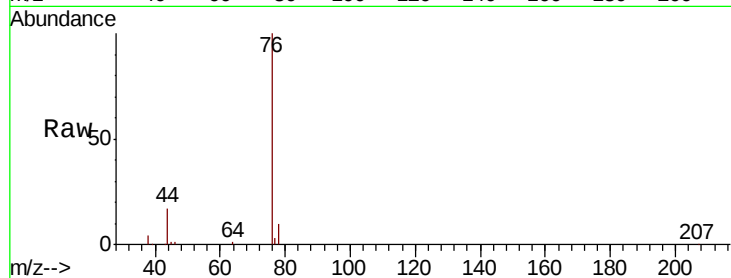




#17
Carbon Disulfide
Concen: 50.907 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

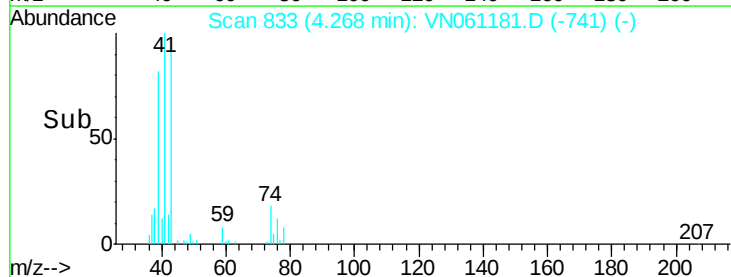
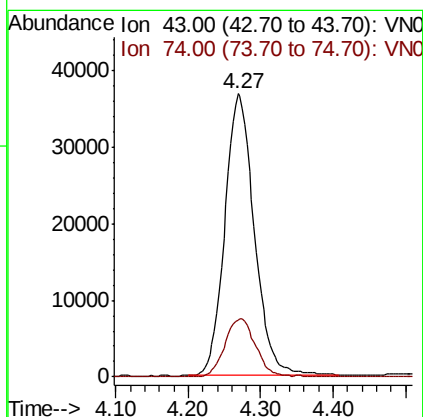
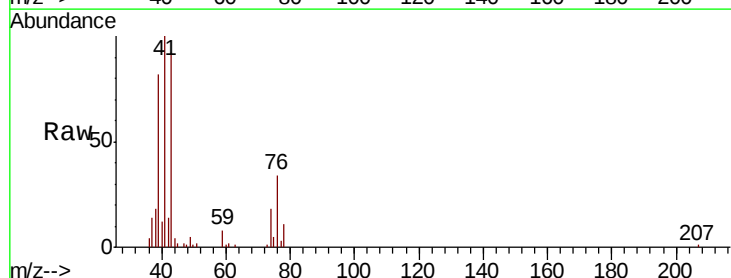
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

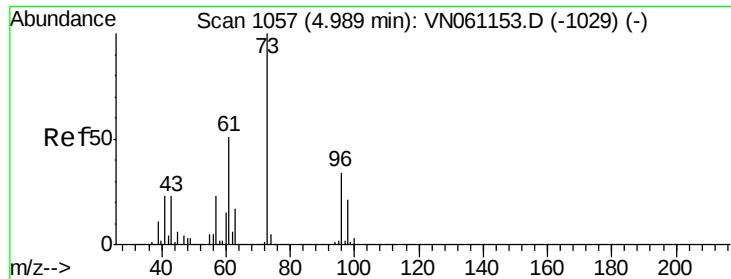
Tot Ion: 76 Resp: 169479
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 45.809 ug/l
RT: 4.27 min Scan# 833
Delta R.T. -0.01 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 43 Resp: 104386
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

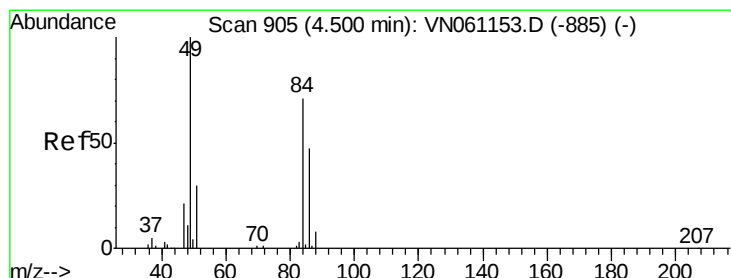
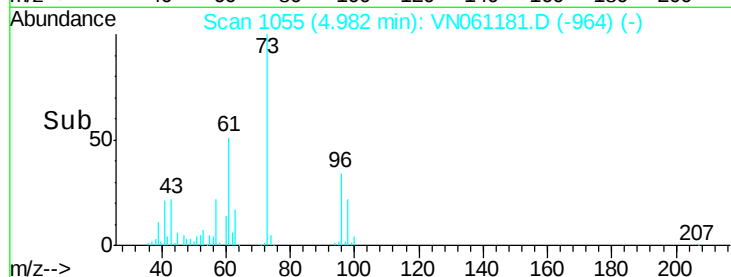
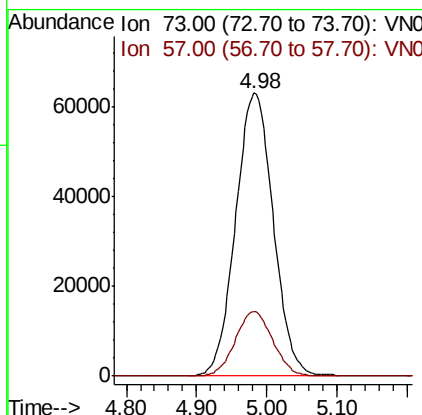
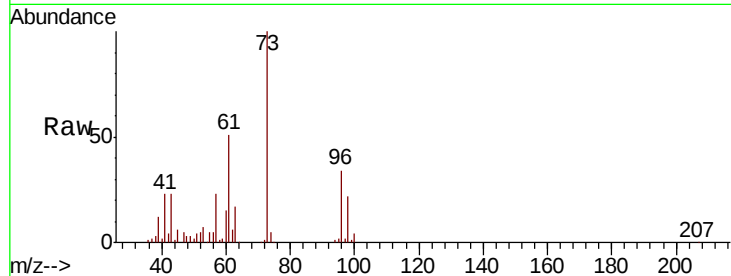




#19
Methvl tert-butvl Ether
Concen: 51.091 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

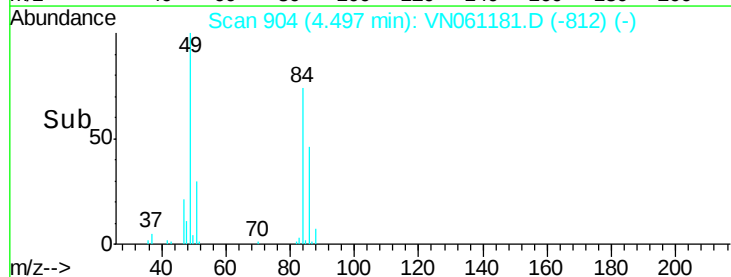
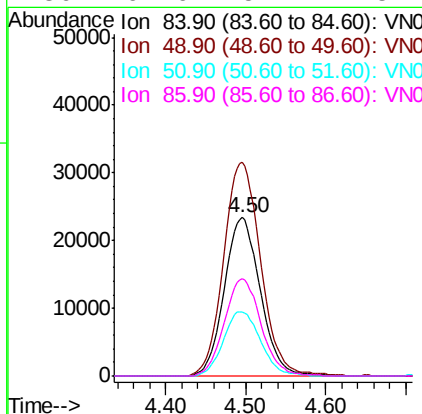
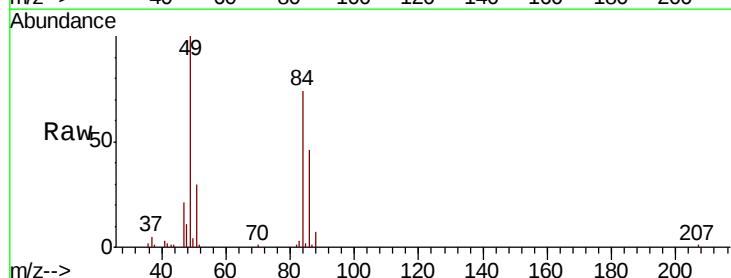
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

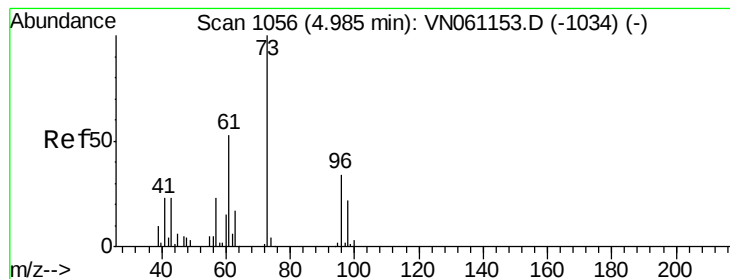
Tot Ion: 73 Resp: 235286
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 50.971 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 84 Resp: 71838
Ion Ratio Lower Upper
84 100
49 135.0 112.0 168.0
51 40.4 33.6 50.4
86 61.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 52.805 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

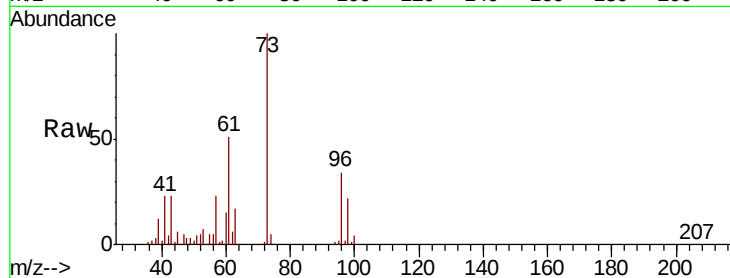
Tot Ion: 96 Resp: 69299

Ion Ratio Lower Upper

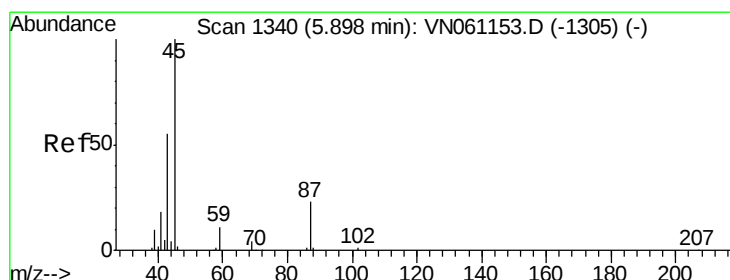
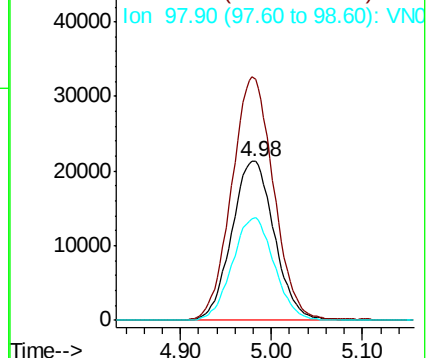
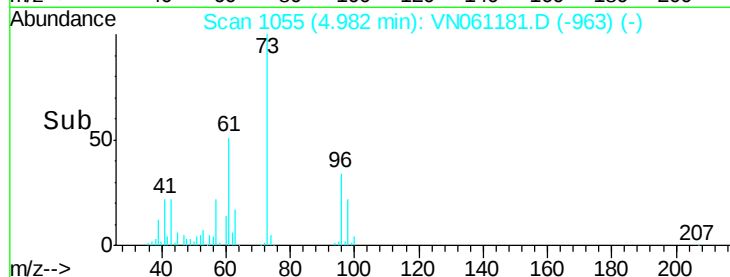
96 100

61 150.7 123.0 184.4

98 64.9 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061181.D (-963) (-)



#22

Diisopropyl ether

Concen: 52.339 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Tgt Ion: 45 Resp: 271224

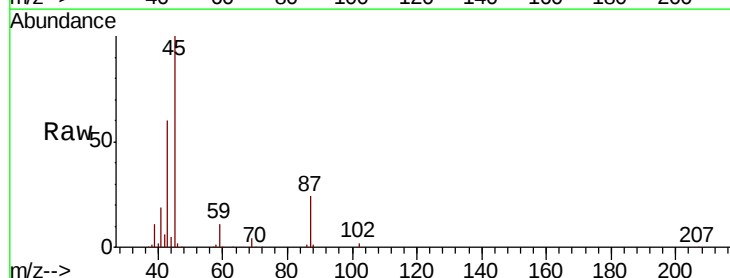
Ion Ratio Lower Upper

45 100

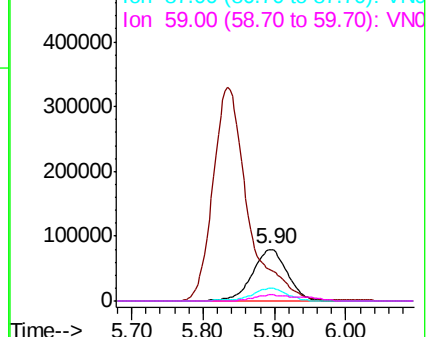
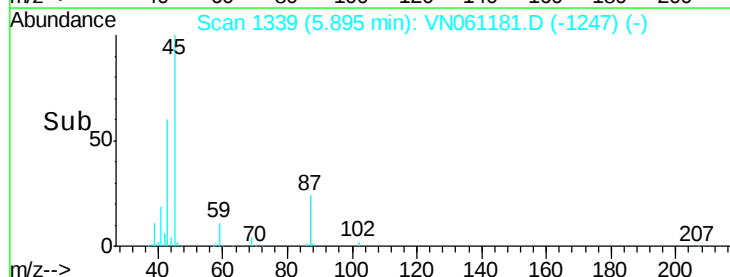
43 58.4 47.9 71.9

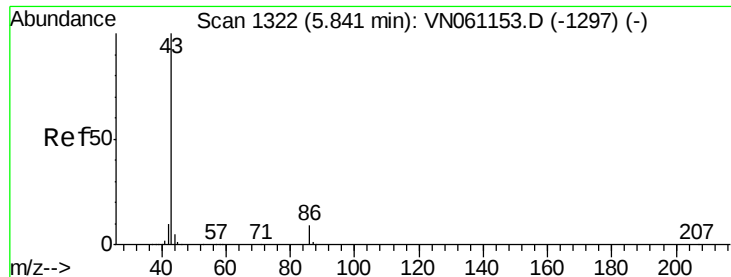
87 23.8 19.2 28.8

59 11.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN061181.D (-1247) (-)





#23

Vinyl Acetate

Concen: 266.958 ug/l

RT: 5.83 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

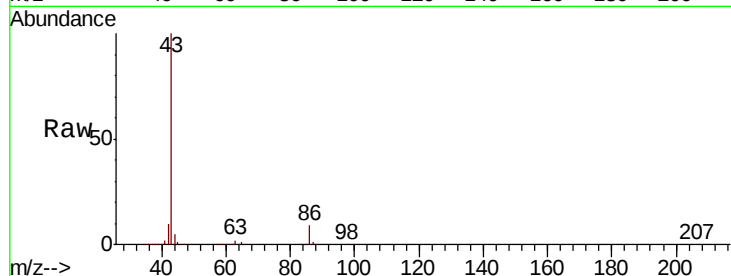
VSTDCCC050

Tot Ion: 43 Resp: 1113873

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061181.D (-1229) (-)

Ion 86.00 (85.70 to 86.70): VN061181.D (-1229) (-)

5.83

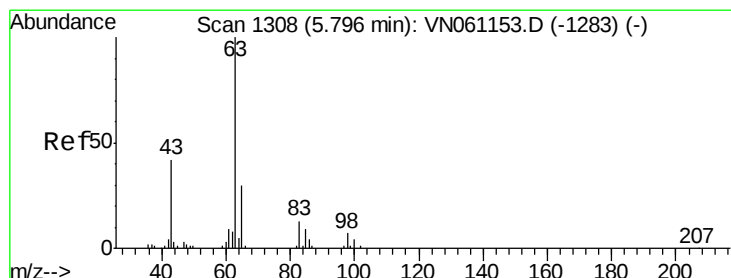
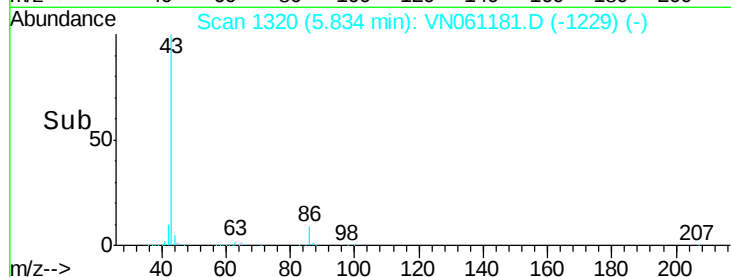
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.445 ug/l

RT: 5.79 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

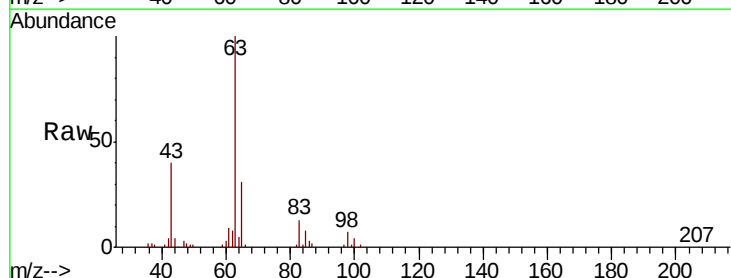
Tgt Ion: 63 Resp: 139289

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061181.D (-1215) (-)

Ion 97.90 (97.60 to 98.60): VN061181.D (-1215) (-)

Ion 99.90 (99.60 to 100.60): VN061181.D (-1215) (-)

5.79

60000

50000

40000

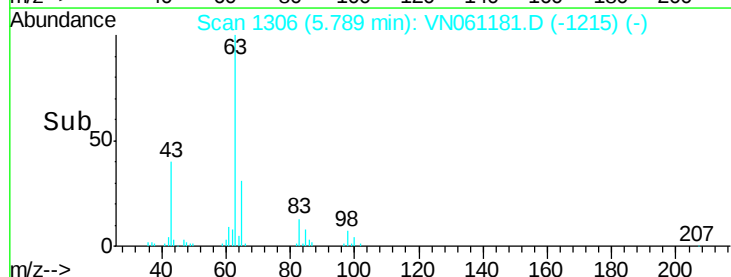
30000

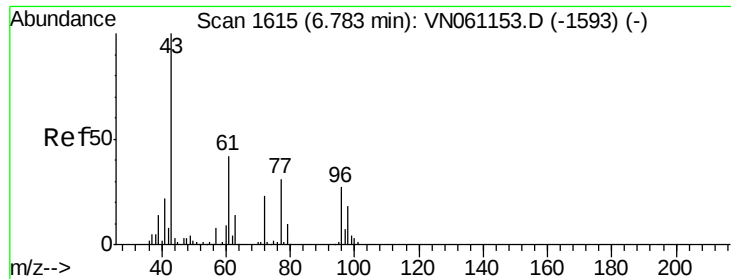
20000

10000

0

Time-->

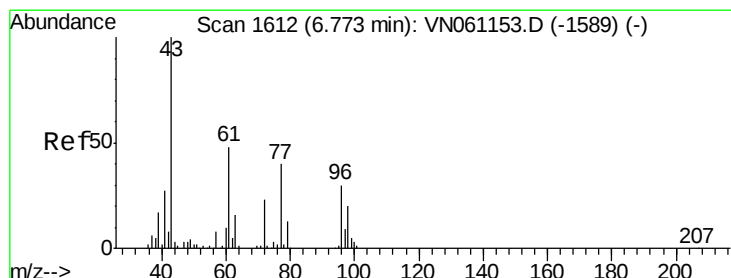
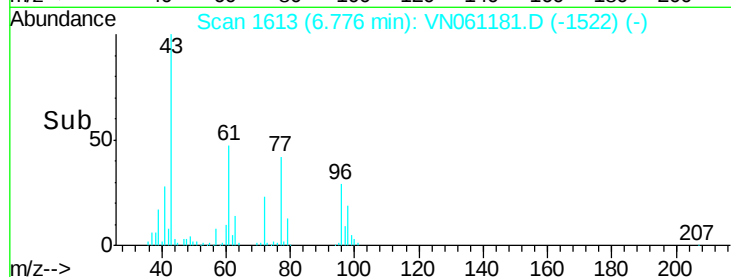
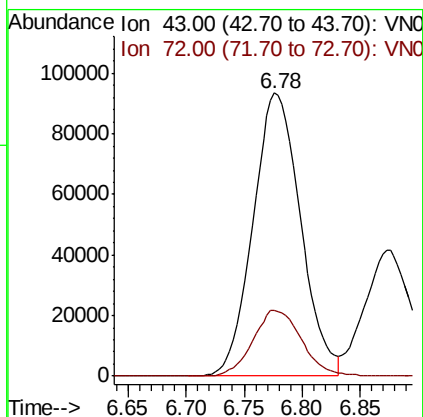
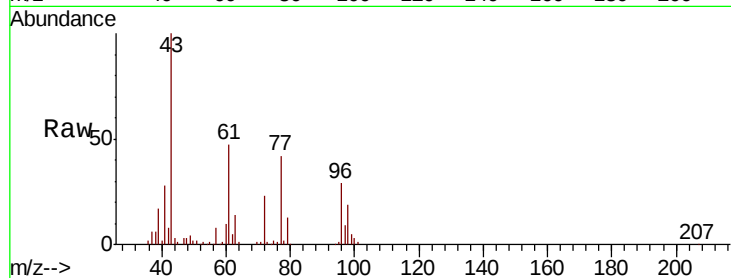




#25
2-Butanone
Concen: 249.501 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

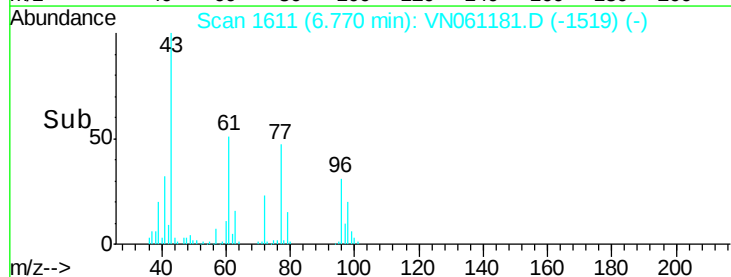
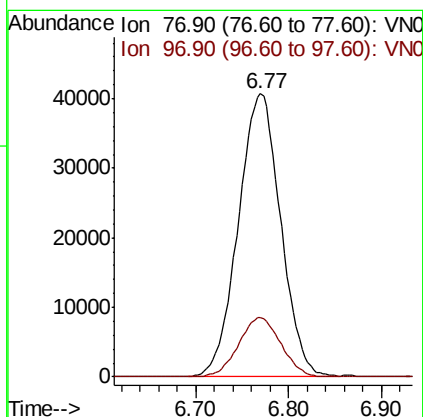
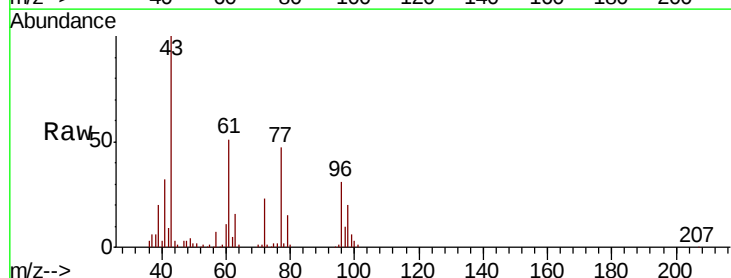
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

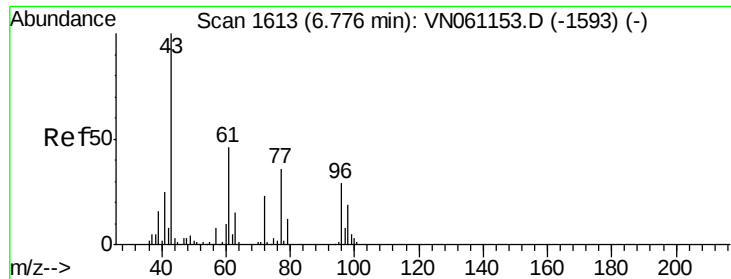
Tot Ion: 43 Resp: 266848
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4



#26
2,2-Dichloropropane
Concen: 56.558 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 77 Resp: 128981
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.314 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

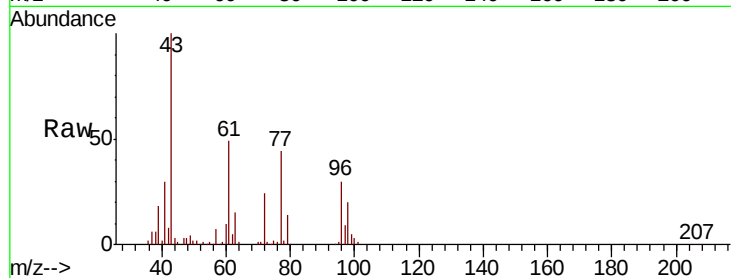
Tot Ion: 96 Resp: 80567

Ion Ratio Lower Upper

96 100

61 163.4 0.0 322.0

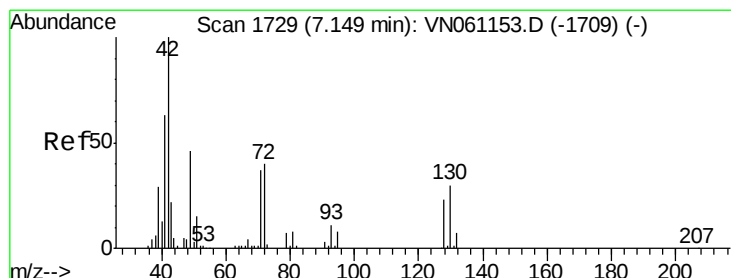
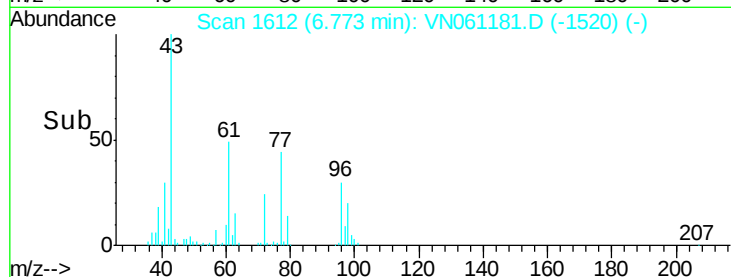
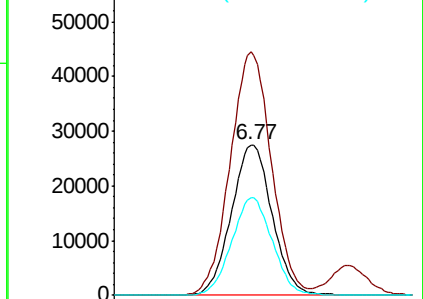
98 64.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061181.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061181.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061181.D (-1520) (-)



#28

Bromochloromethane

Concen: 51.947 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

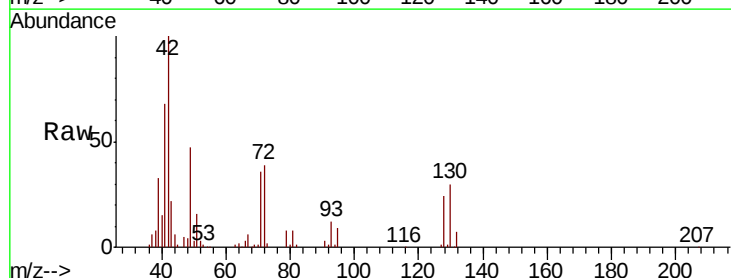
Tgt Ion: 49 Resp: 66663

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

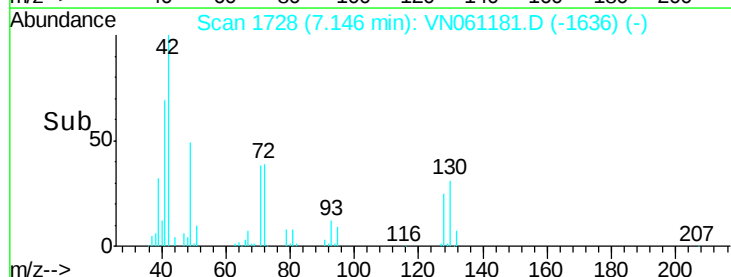
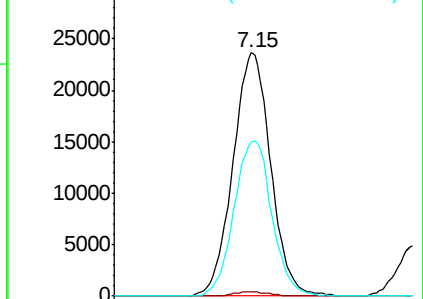
130 63.7 51.4 77.2

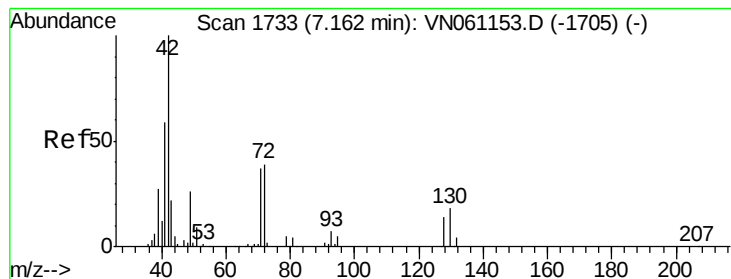


Abundance Ion 48.90 (48.60 to 49.60): VN061181.D (-1636) (-)

Ion 128.80 (128.50 to 129.50): VN061181.D (-1636) (-)

Ion 129.80 (129.50 to 130.50): VN061181.D (-1636) (-)





#29

Tetrahydrofuran

Concen: 258.211 ug/l

RT: 7.16 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

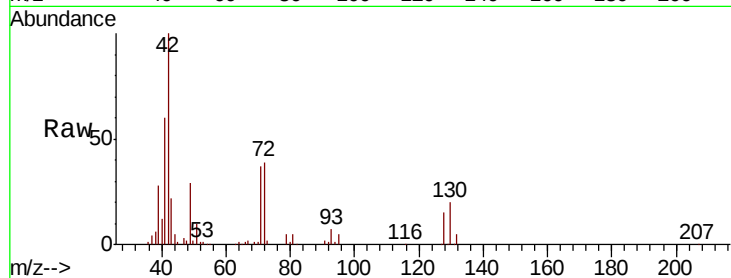
Tot Ion: 42 Resp: 186030

Ion Ratio Lower Upper

42 100

72 38.5 31.4 47.0

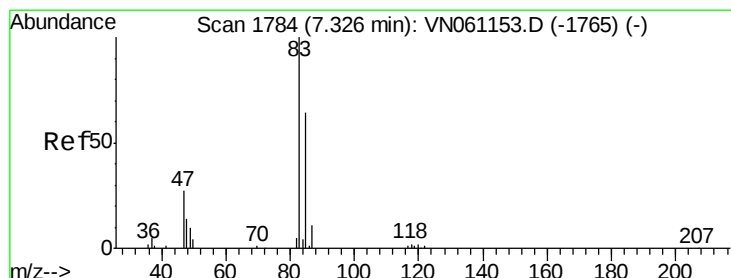
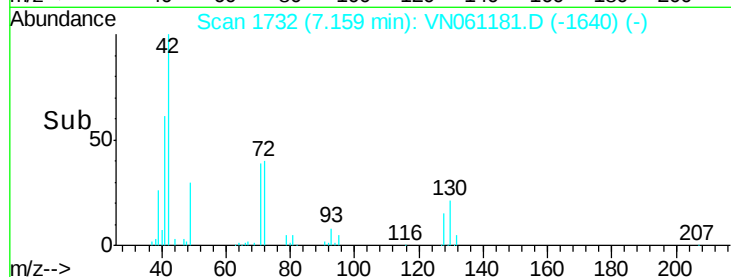
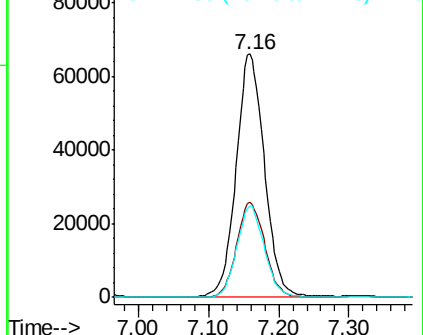
71 36.3 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.330 ug/l

RT: 7.32 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VN061181.D

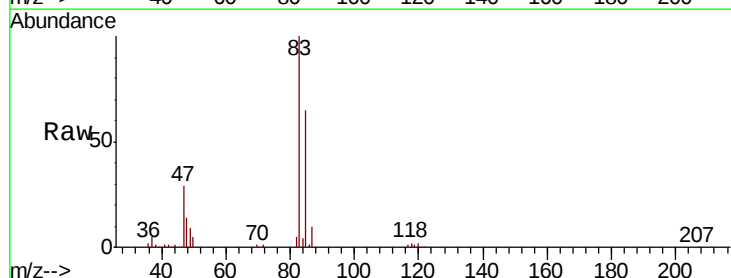
Acq: 29 Apr 2020 10:02

Tgt Ion: 83 Resp: 140839

Ion Ratio Lower Upper

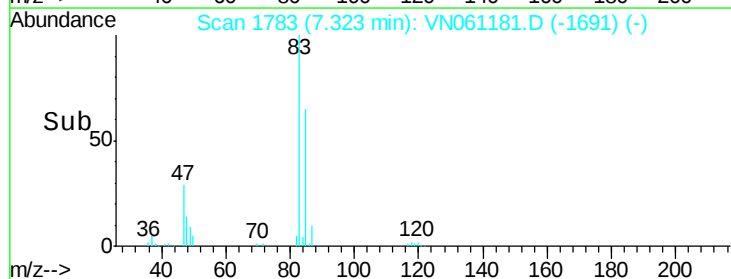
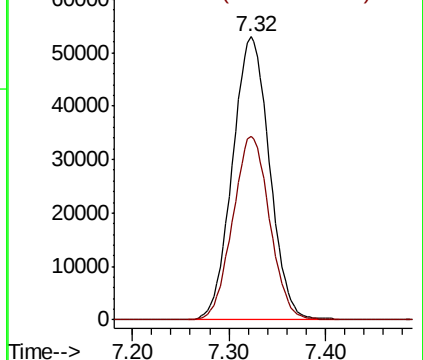
83 100

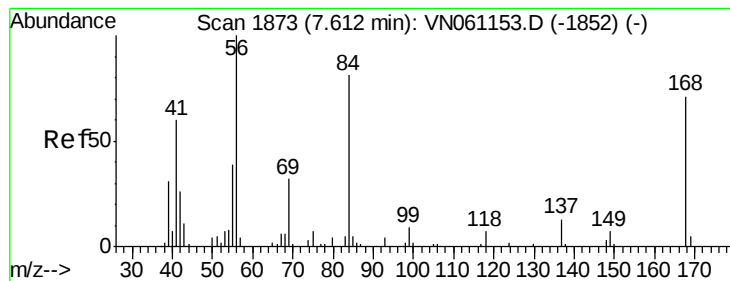
85 64.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.263 ug/l

RT: 7.61 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

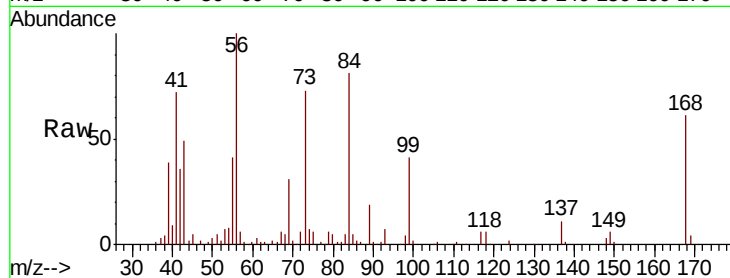
Tot Ion: 56 Resp: 132161

Ion Ratio Lower Upper

56 100

69 31.2 25.7 38.5

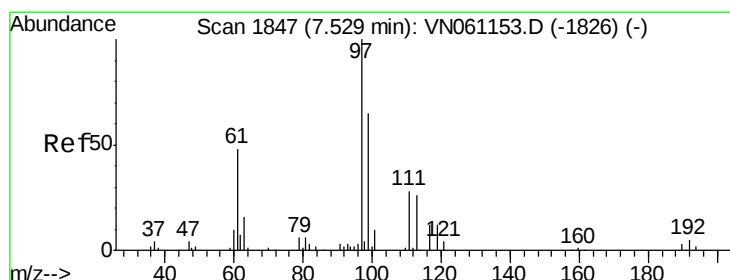
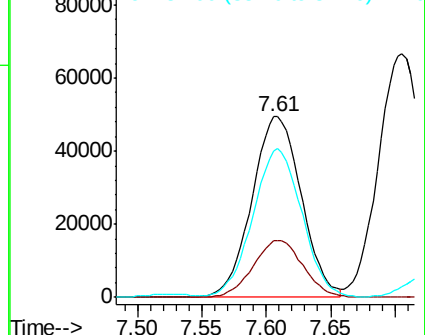
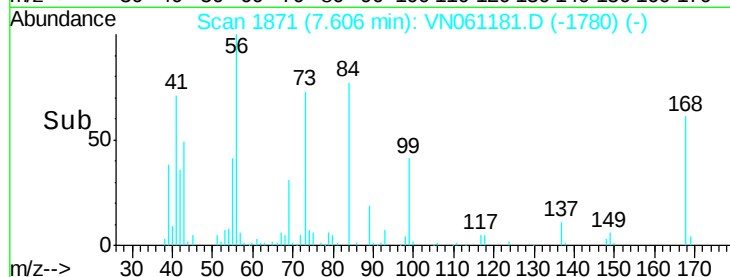
84 80.0 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061181.D (-1780) (-)

Ion 69.00 (68.70 to 69.70): VN061181.D (-1780) (-)

Ion 84.00 (83.70 to 84.70): VN061181.D (-1780) (-)



#32

1,1,1-Trichloroethane

Concen: 52.294 ug/l

RT: 7.52 min Scan# 1845

Delta R.T. -0.01 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

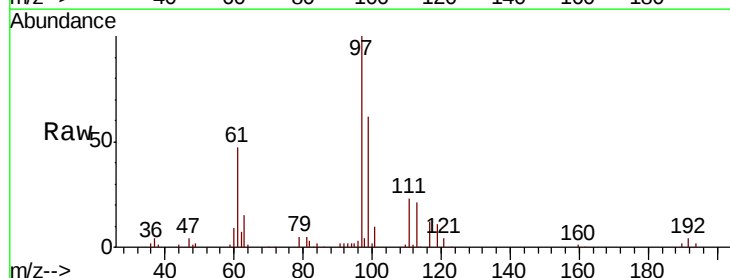
Tgt Ion: 97 Resp: 124944

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

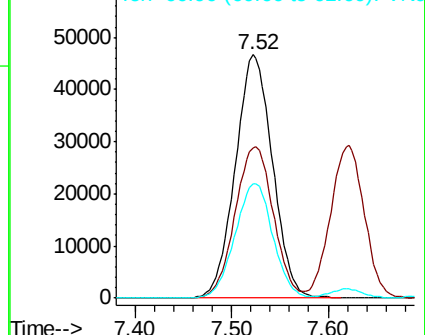
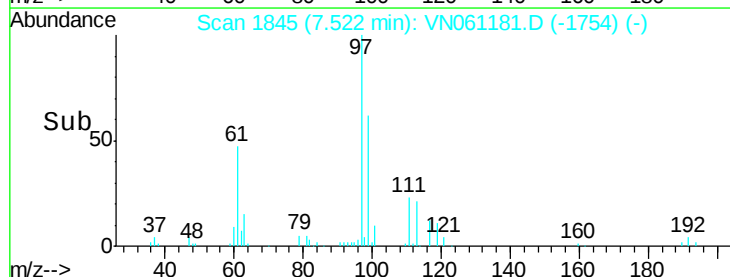
61 48.0 38.6 57.8

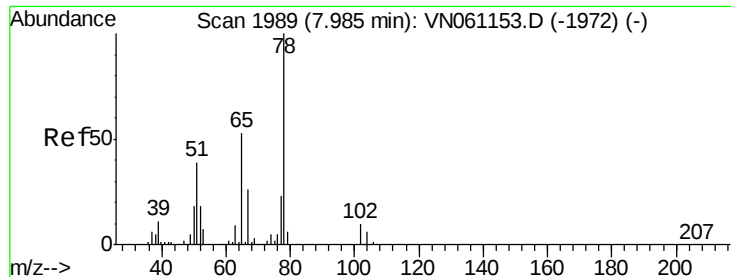


Abundance Ion 96.90 (96.60 to 97.60): VN061181.D (-1754) (-)

Ion 98.90 (98.60 to 99.60): VN061181.D (-1754) (-)

Ion 60.90 (60.60 to 61.60): VN061181.D (-1754) (-)

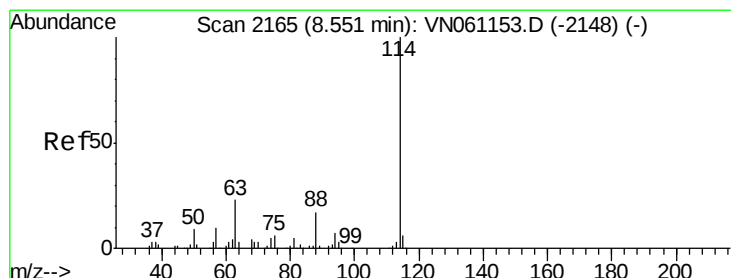
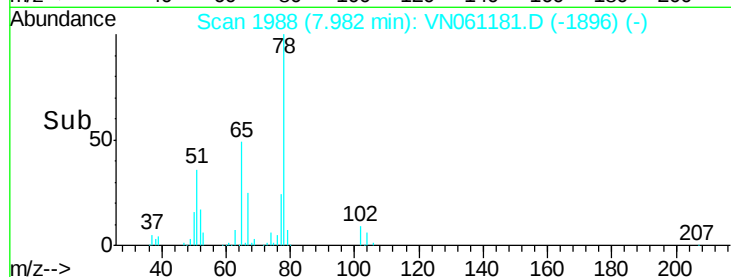
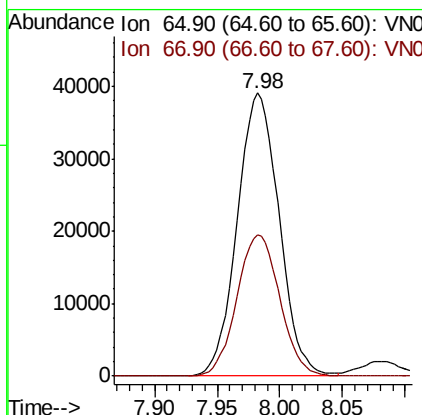
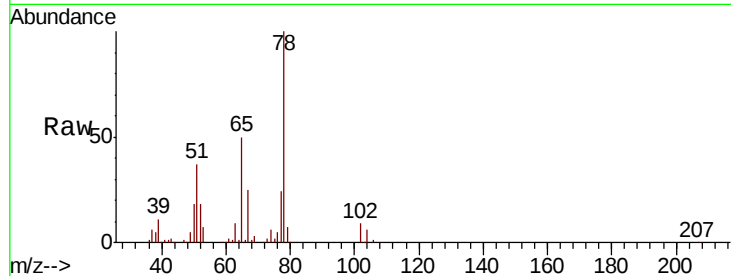




#33
 1,2-Dichloroethane-d4
 Concen: 50.195 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

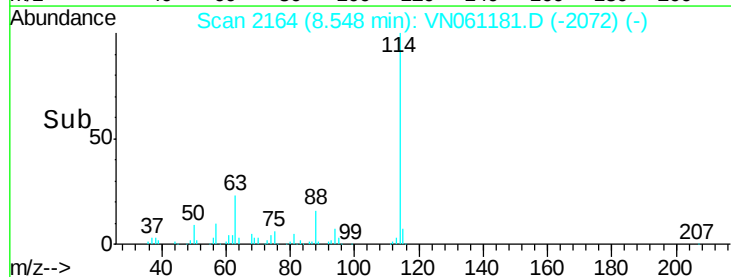
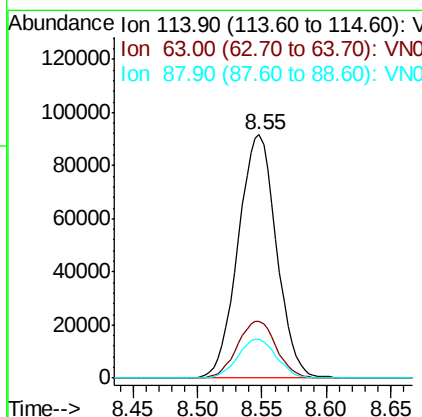
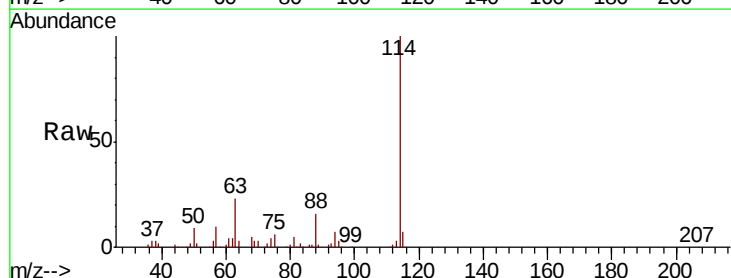
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

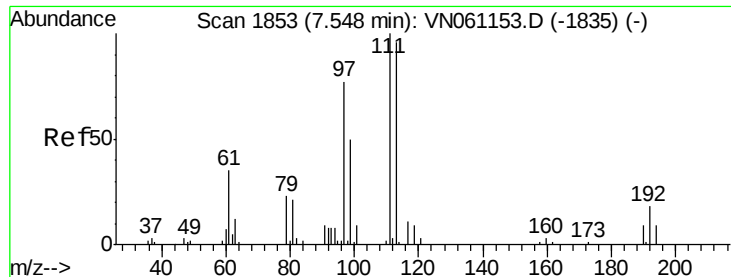
Tot Ion: 65 Resp: 90726
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 114 Resp: 189712
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.6
 88 15.8 0.0 33.4

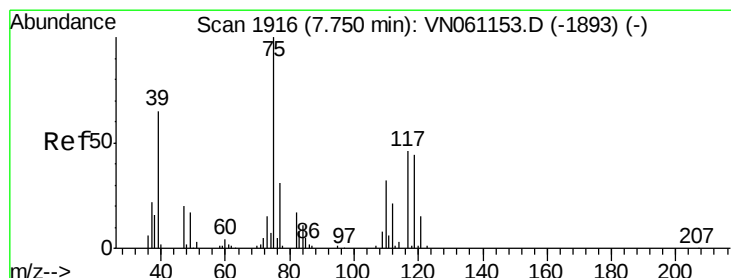
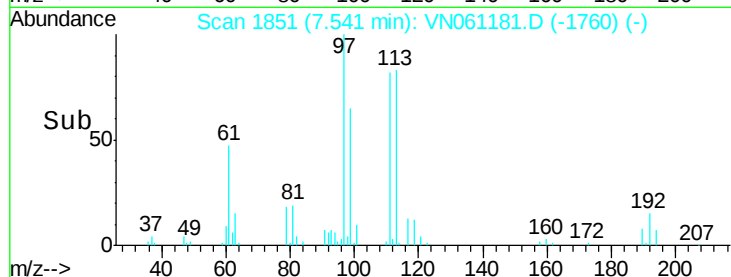
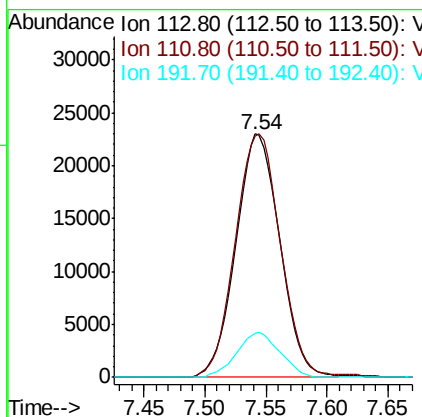
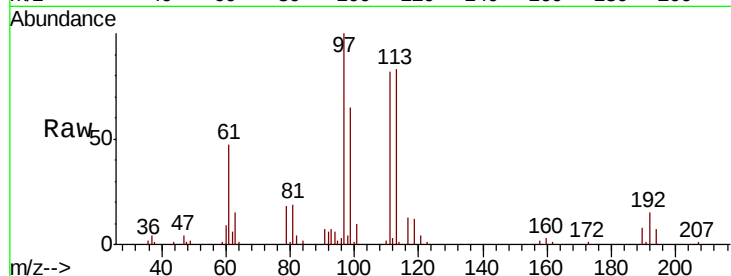




#35
 Dibromofluoromethane
 Concen: 51.111 ug/l
 RT: 7.54 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

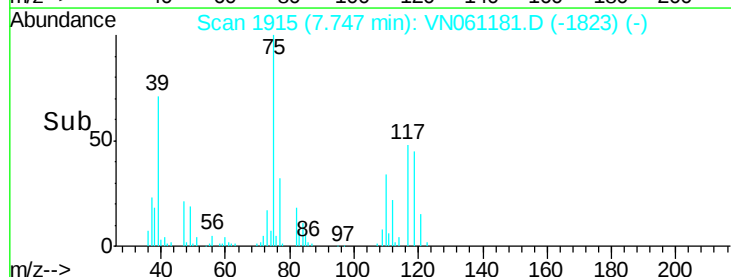
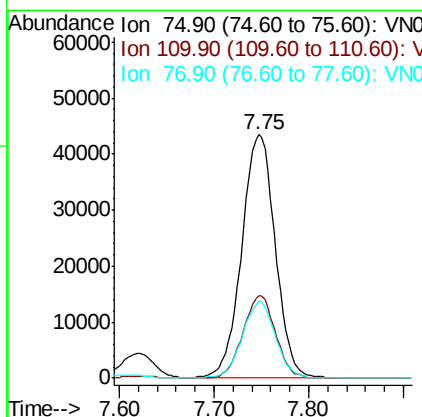
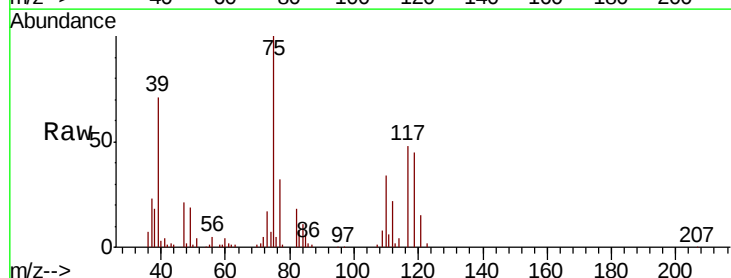
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

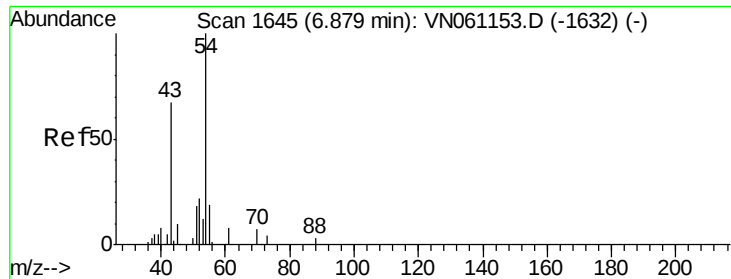
Tot Ion:113 Resp: 57337
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 56.451 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 75 Resp: 107207
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.0 48.0
 77 31.1 24.6 37.0

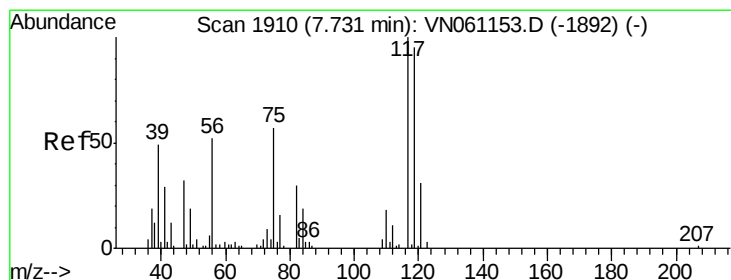
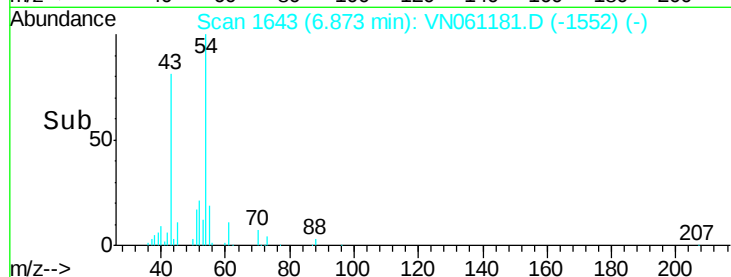
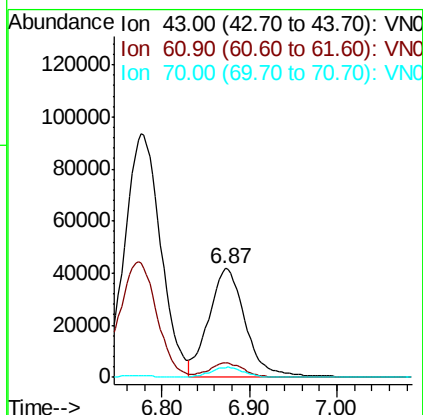
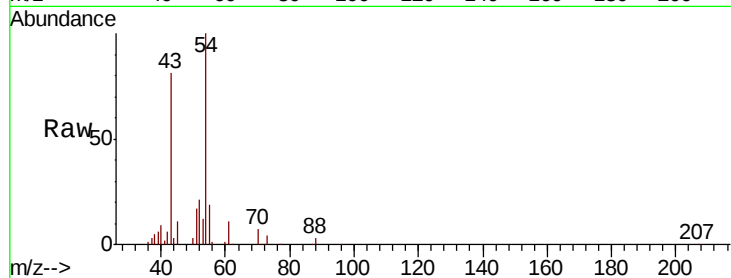




#37
Ethyl Acetate
Concen: 53.745 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

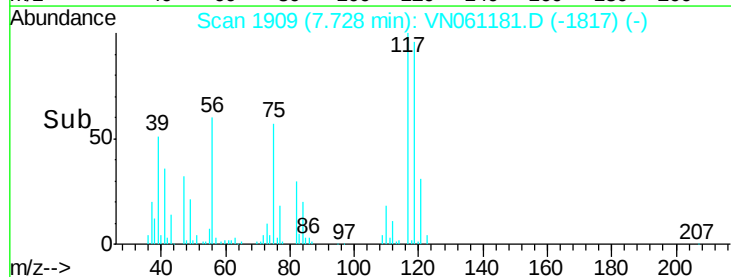
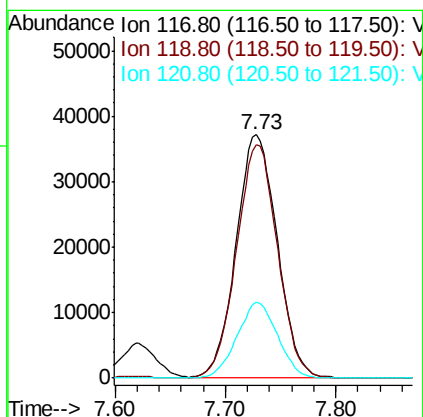
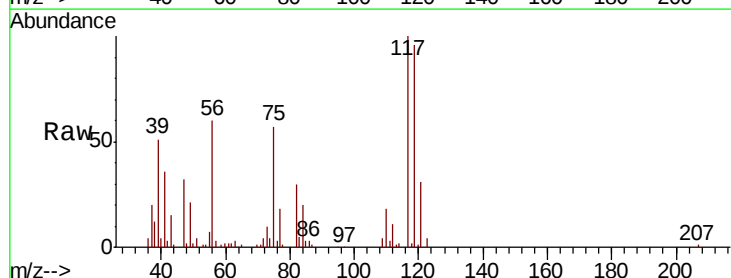
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

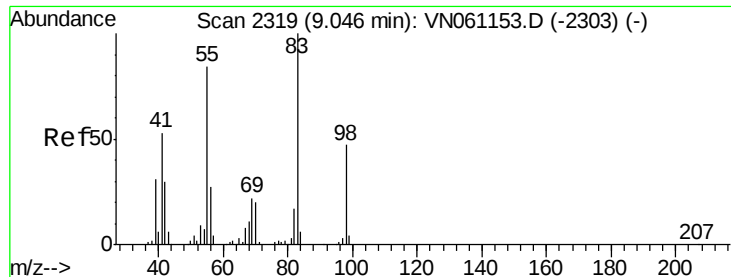
Tot Ion: 43 Resp: 119657
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 55.280 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 117 Resp: 96223
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 31.0 24.7 37.1

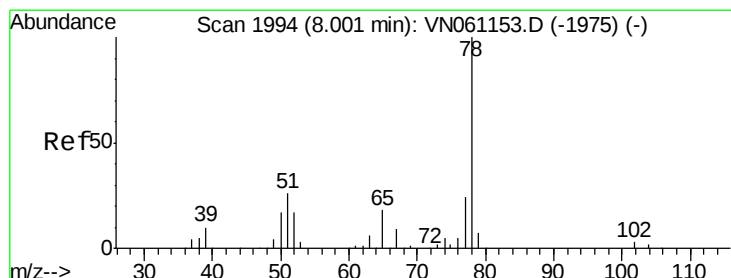
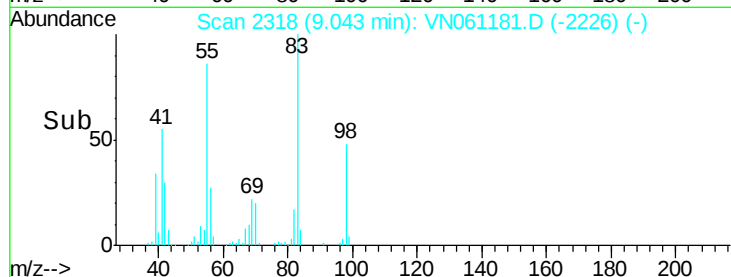
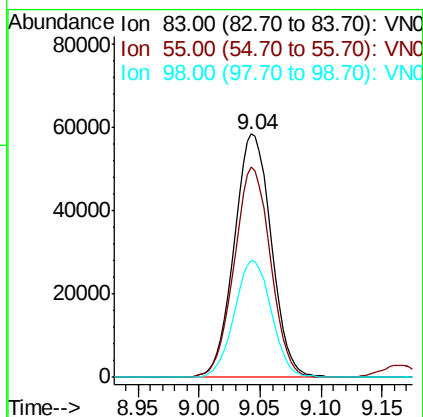
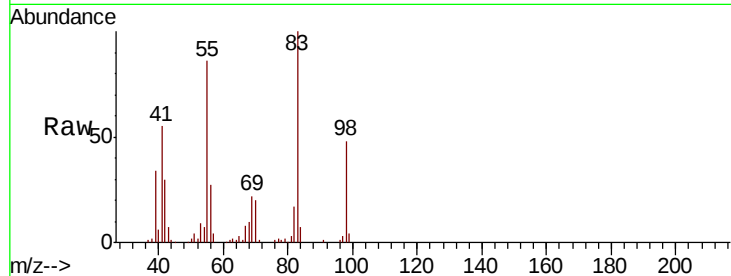




#39
Methvlcvclohexane
Concen: 57.786 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

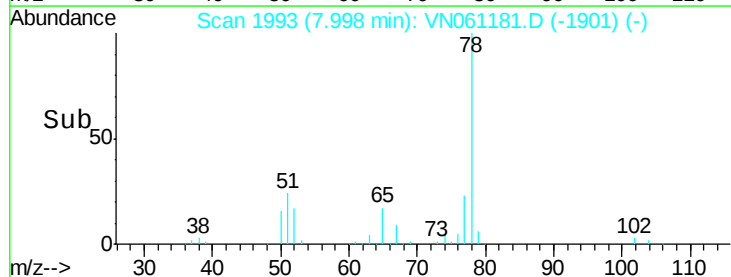
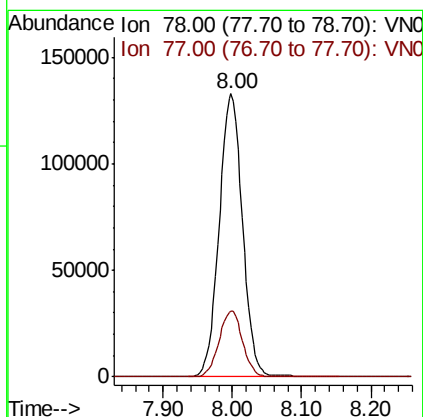
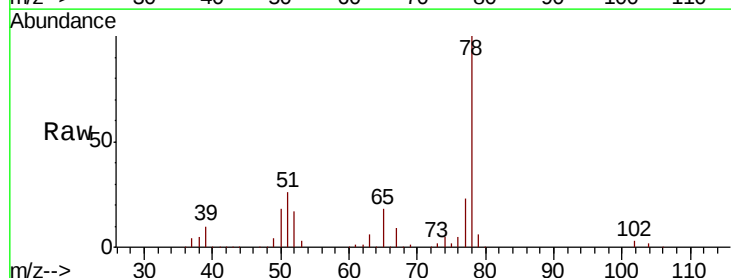
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

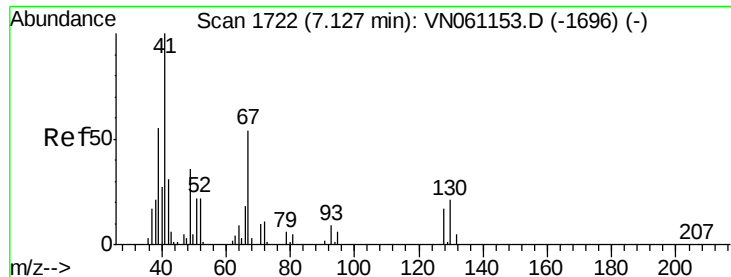
Tot Ion: 83 Resp: 123071
Ion Ratio Lower Upper
83 100
55 86.3 67.3 100.9
98 47.8 37.7 56.5



#40
Benzene
Concen: 55.042 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 78 Resp: 311423
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

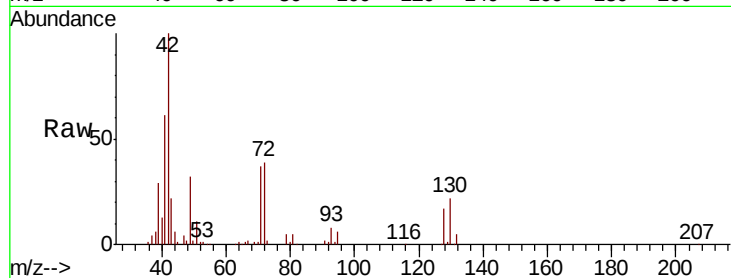




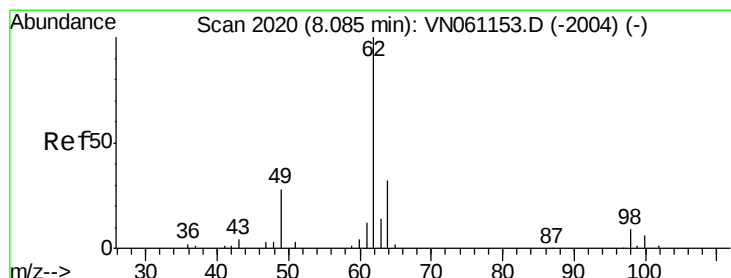
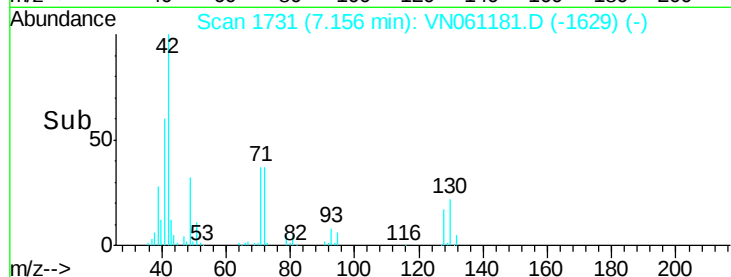
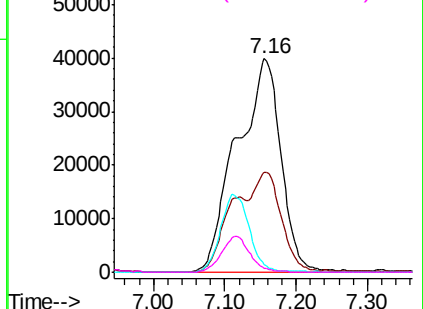
#41
Methacrylonitrile
Concen: 185.443 ug/l
RT: 7.16 min Scan# 1731
Delta R.T. 0.03 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	171422
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

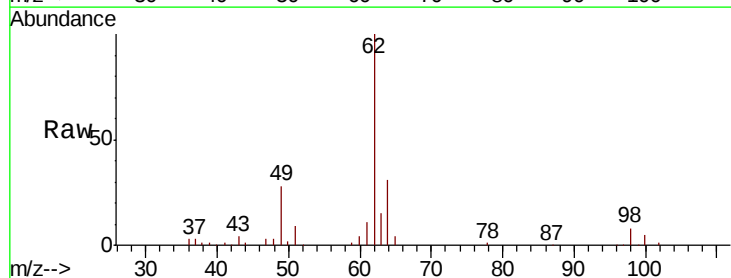


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

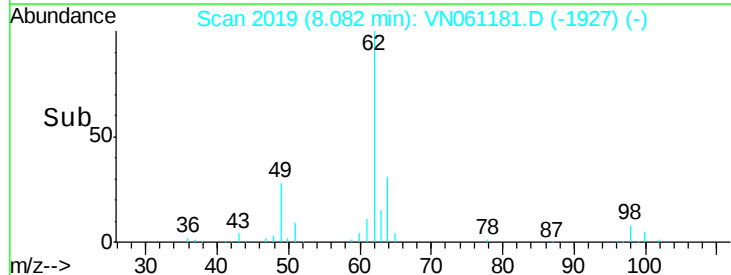
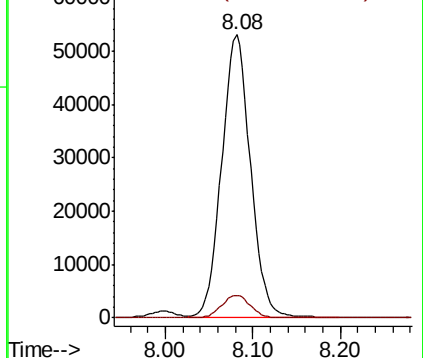


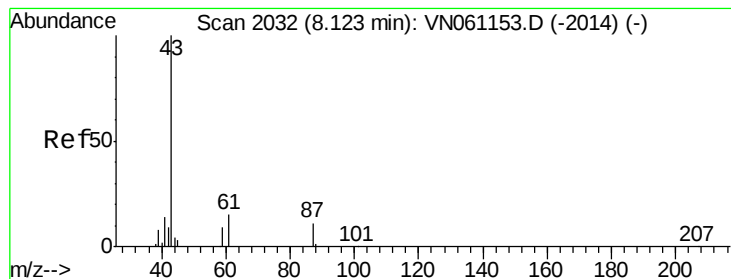
#42
1,2-Dichloroethane
Concen: 56.704 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion:	62	Resp:	121540
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



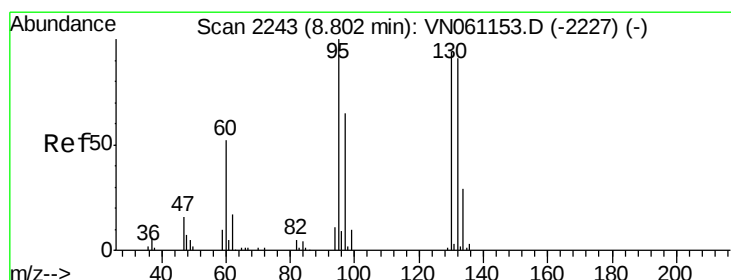
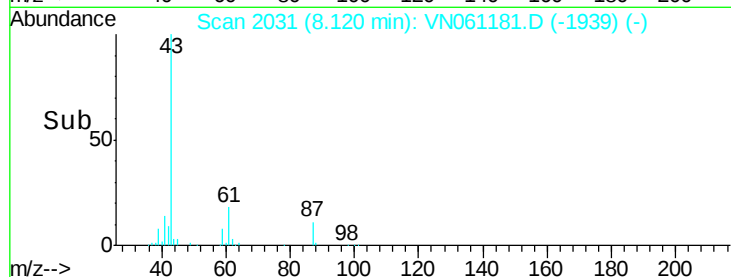
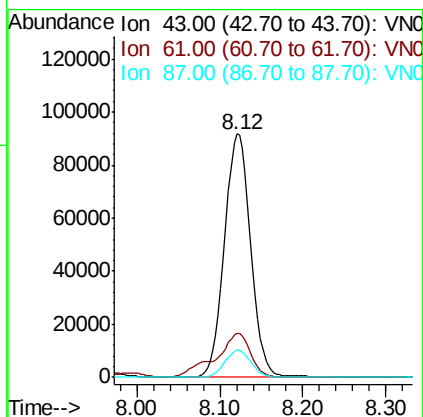
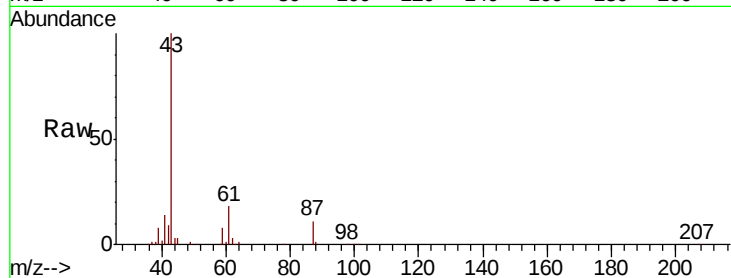


#43

Isopropyl Acetate
 Concen: 54.647 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

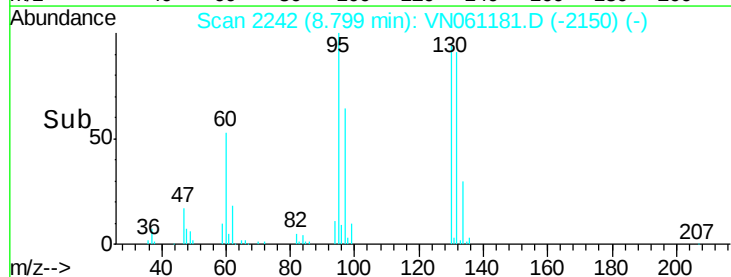
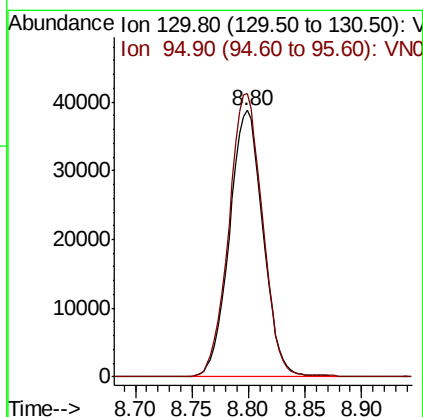
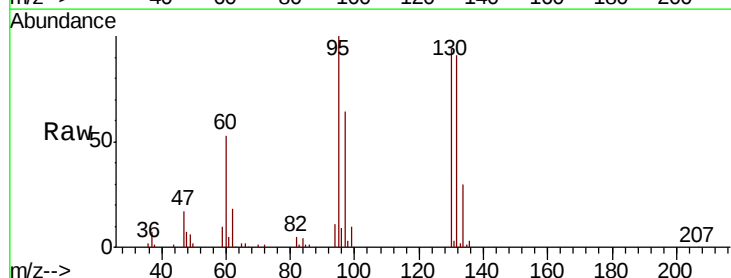
Tot Ion	43	Resp	201918
Ion Ratio	Lower	Upper	
43	100		
61	24.1	19.5	29.3
87	11.1	8.9	13.3

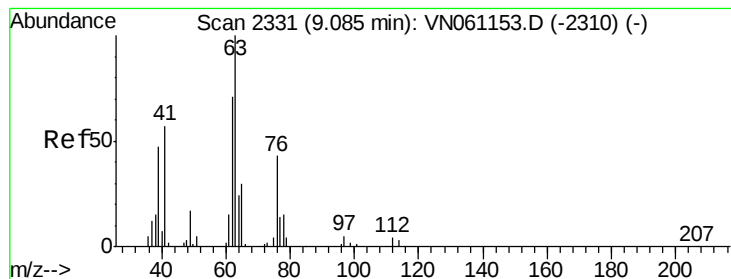


#44

Trichloroethene
 Concen: 52.496 ug/l
 RT: 8.80 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion	130	Resp	80292
Ion Ratio	Lower	Upper	
130	100		
95	106.3	0.0	212.4





#45

1,2-Dichloropropane

Concen: 54.069 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

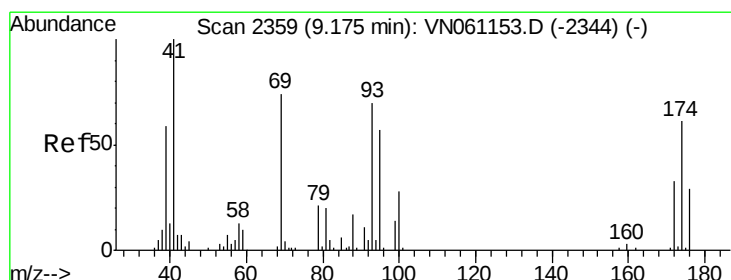
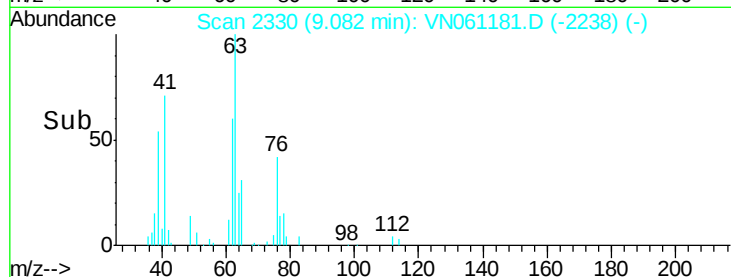
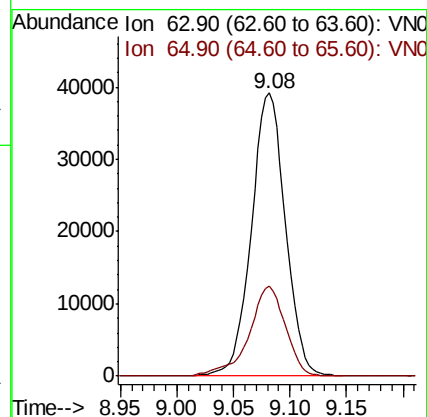
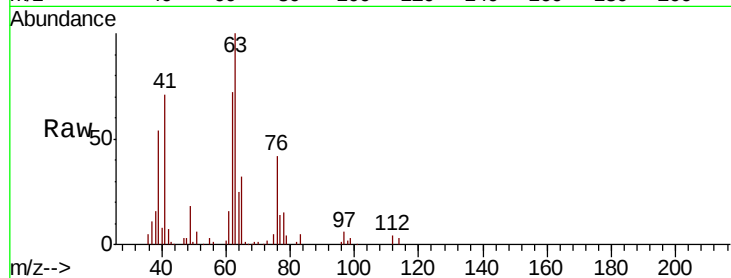
VSTDCCC050

Tot Ion: 63 Resp: 81728

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 57.324 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

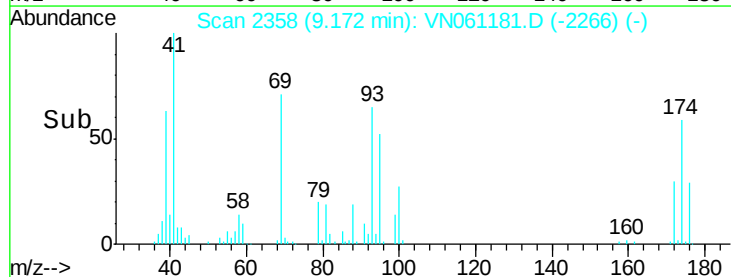
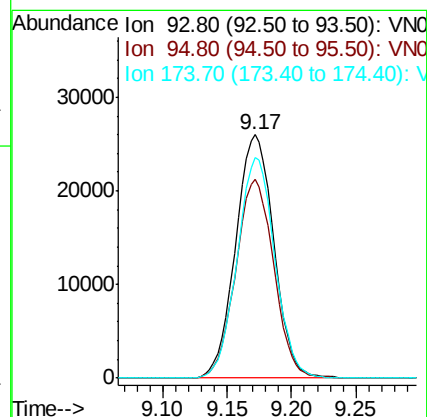
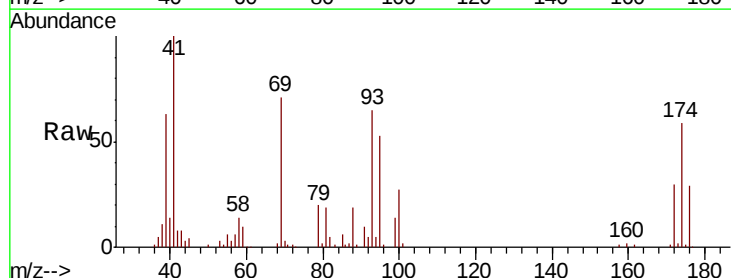
Tgt Ion: 93 Resp: 53650

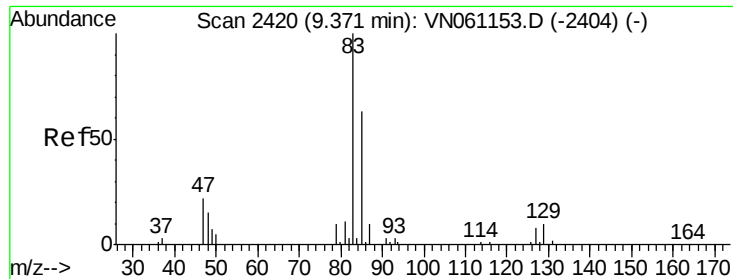
Ion Ratio Lower Upper

93 100

95 81.2 66.6 99.8

174 89.1 70.2 105.2





#47

Bromodichloromethane

Concen: 56.921 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

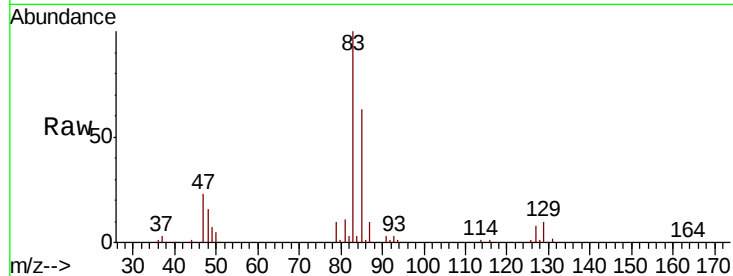
Tot Ion: 83 Resp: 114346

Ion Ratio Lower Upper

83 100

85 63.4 50.4 75.6

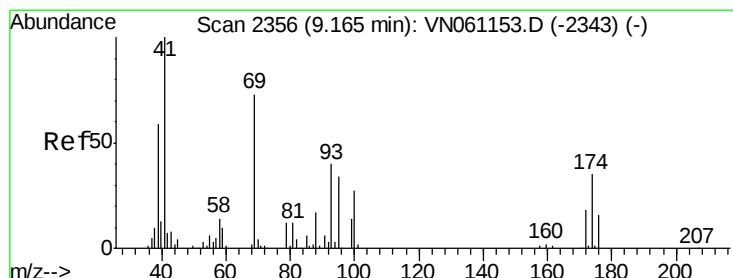
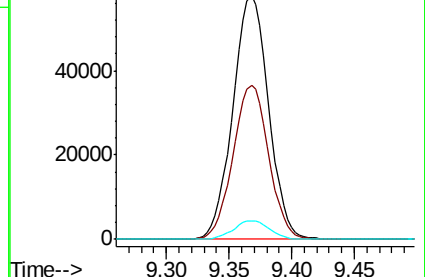
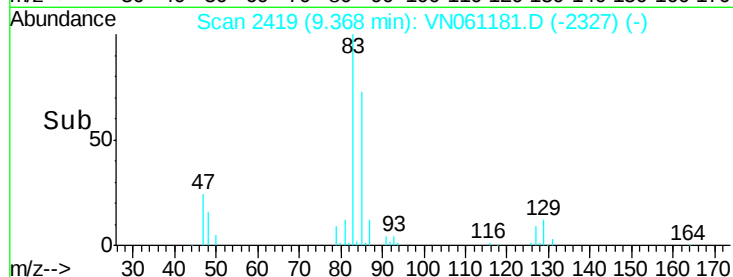
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061181.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061181.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061181.D (-2327) (-)



#48

Methyl methacrylate

Concen: 55.626 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

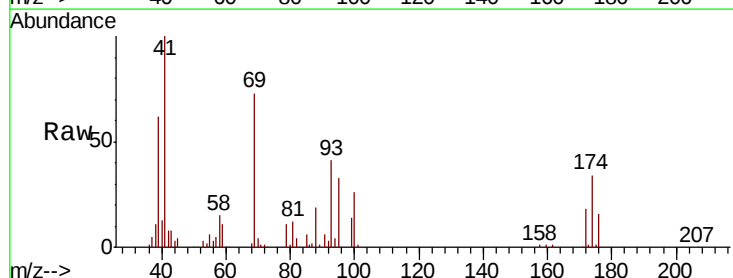
Tgt Ion: 41 Resp: 92748

Ion Ratio Lower Upper

41 100

69 73.6 60.3 90.5

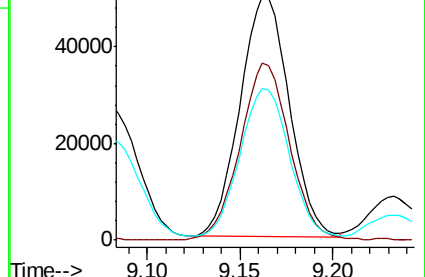
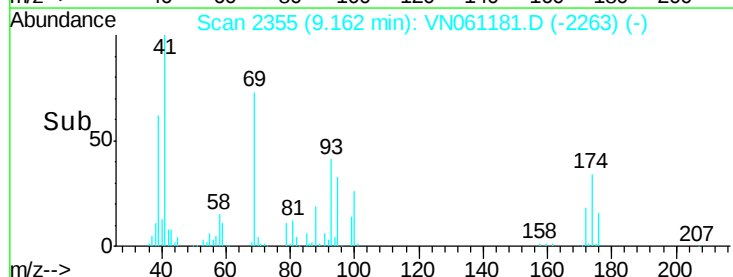
39 61.7 47.4 71.0

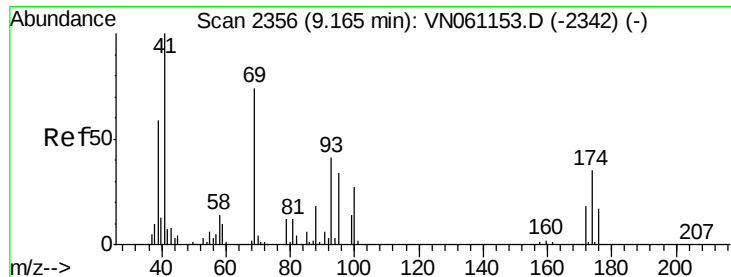


Abundance Ion 41.00 (40.70 to 41.70): VN061181.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061181.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061181.D (-2263) (-)

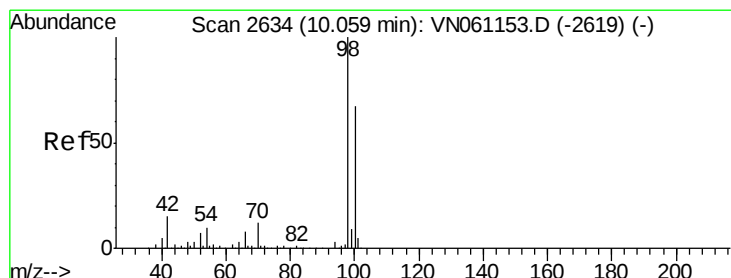
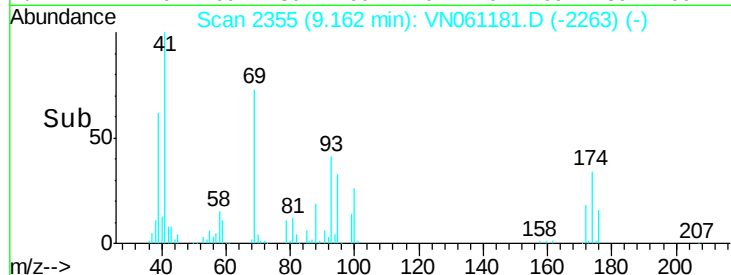
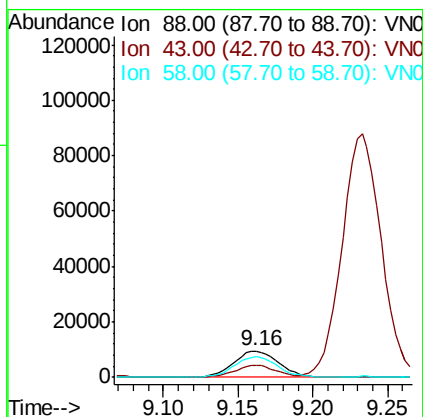
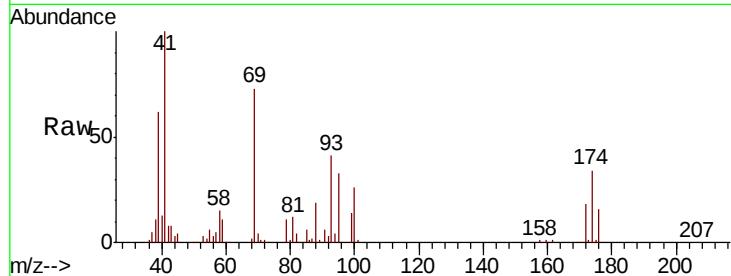




#49
1,4-Dioxane
Concen: 1059.259 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

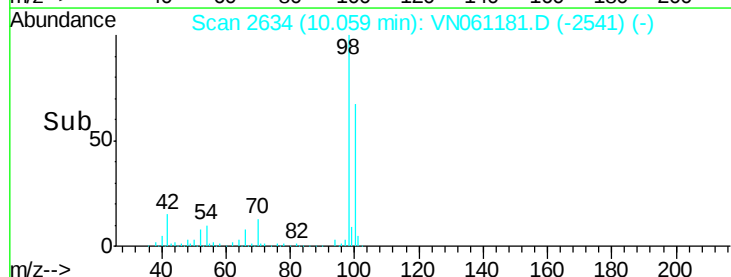
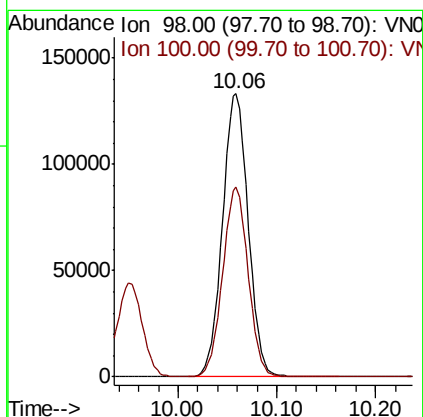
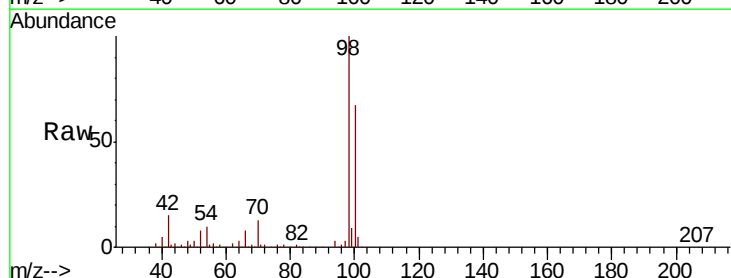
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

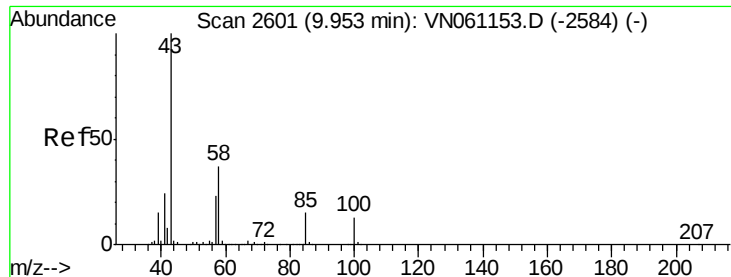
Tot Ion: 88 Resp: 20048
Ion Ratio Lower Upper
88 100
43 42.4 35.3 52.9
58 75.8 61.5 92.3



#50
Toluene-d8
Concen: 53.427 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 98 Resp: 244328
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 277.159 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

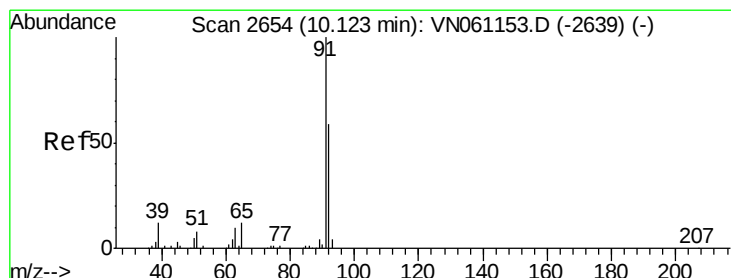
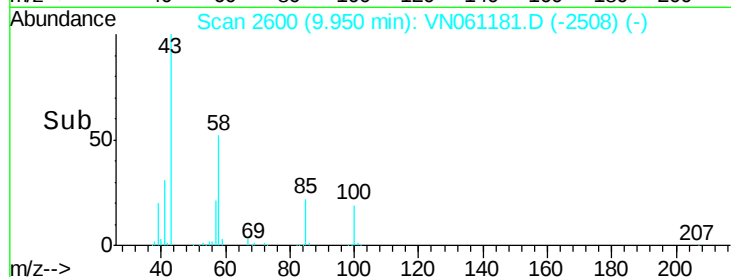
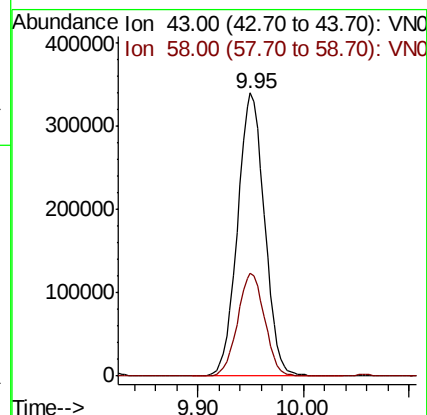
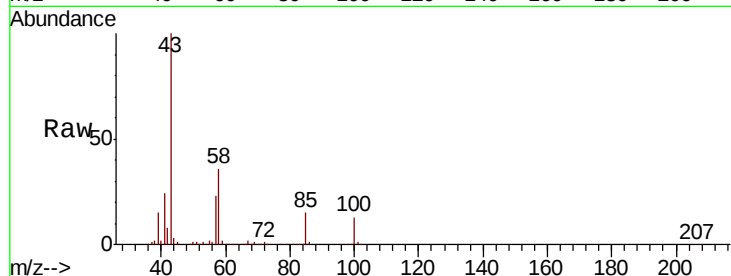
VSTDCCC050

Tot Ion: 43 Resp: 602792

Ion Ratio Lower Upper

43 100

58 36.3 29.1 43.7



#52

Toluene

Concen: 56.957 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VN061181.D

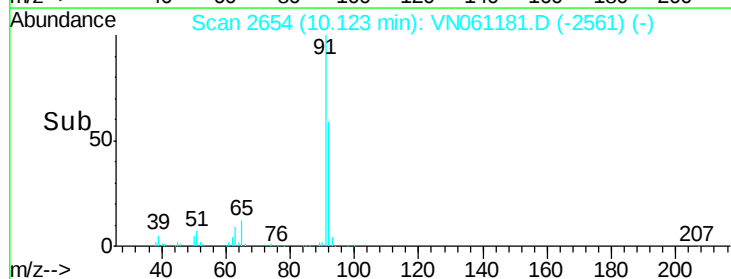
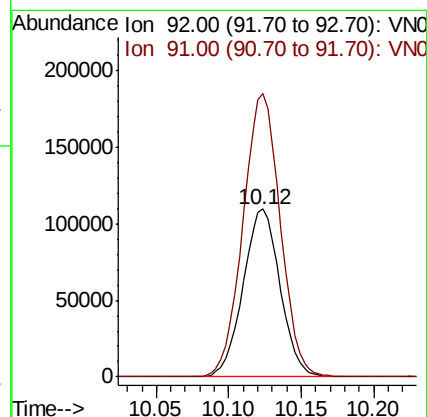
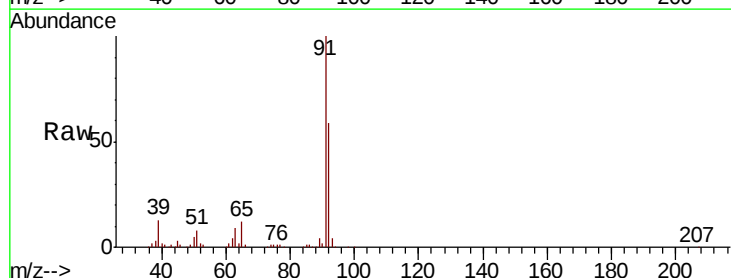
Acq: 29 Apr 2020 10:02

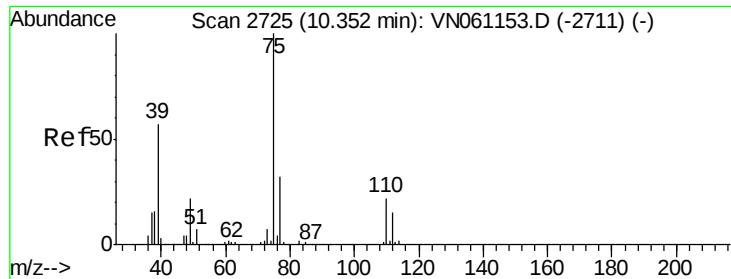
Tgt Ion: 92 Resp: 194104

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.2

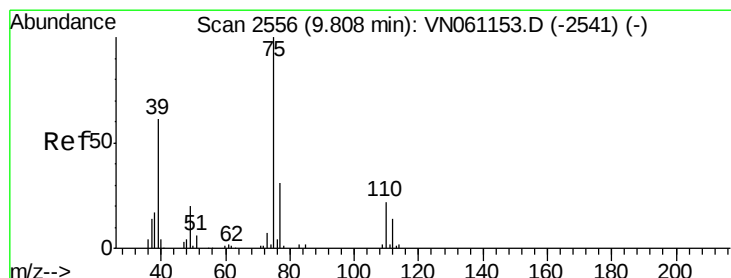
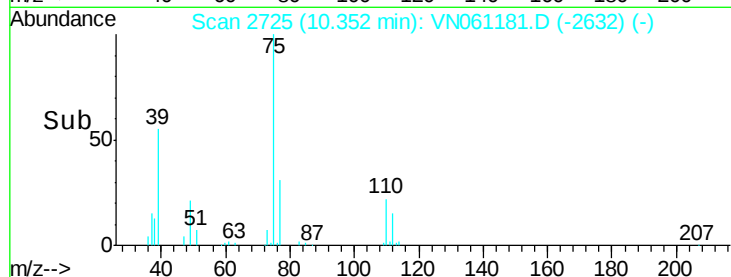
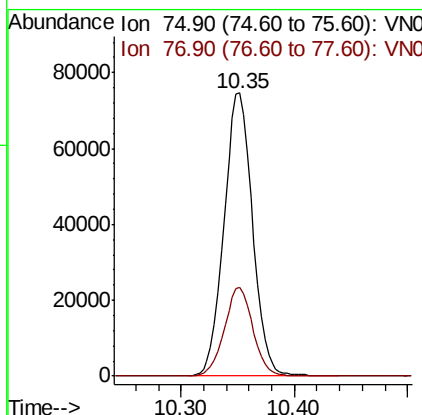
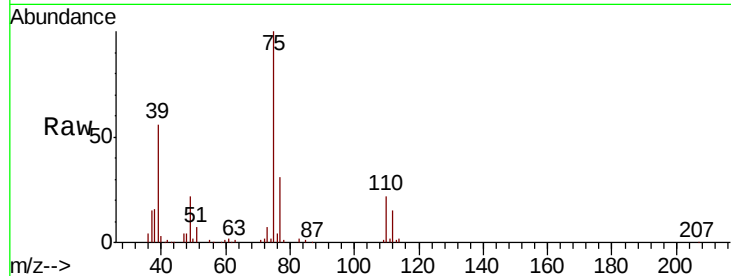




#53
t-1,3-Dichloropropene
Concen: 57.854 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

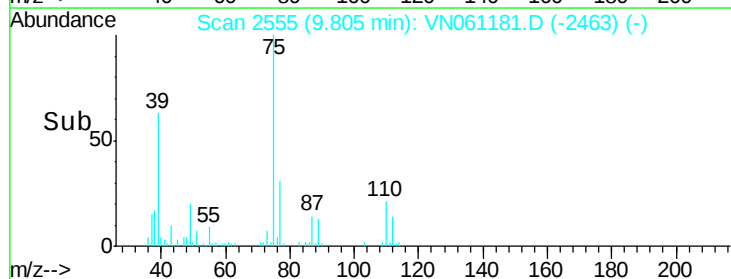
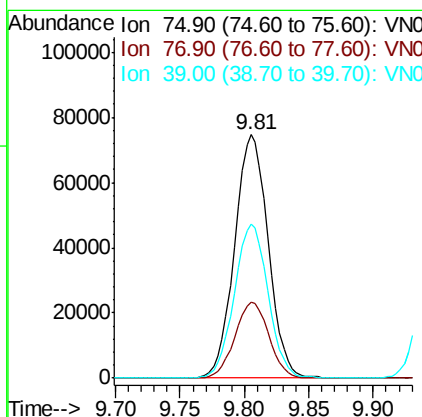
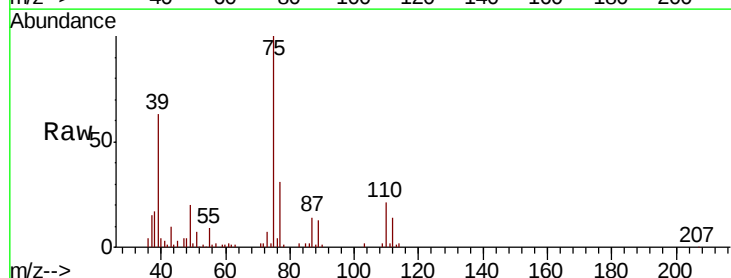
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

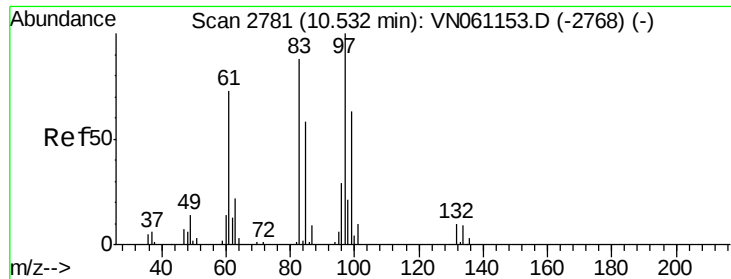
Tot Ion: 75 Resp: 130955
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 56.625 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 75 Resp: 135505
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 63.3 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 54.470 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 74043

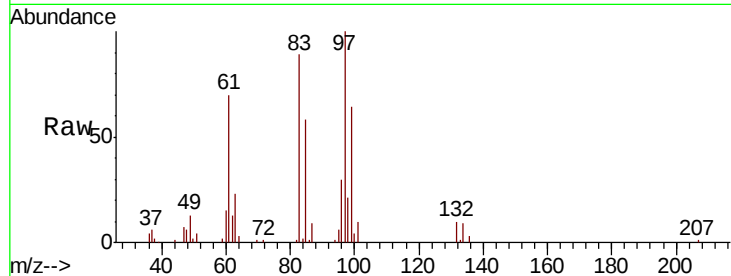
Ion Ratio Lower Upper

97 100

83 89.0 70.6 106.0

85 58.0 46.4 69.6

99 64.1 50.6 75.8



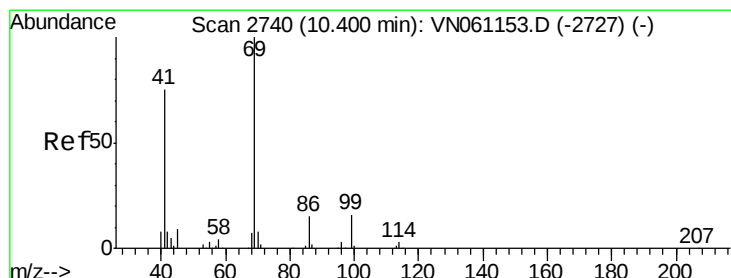
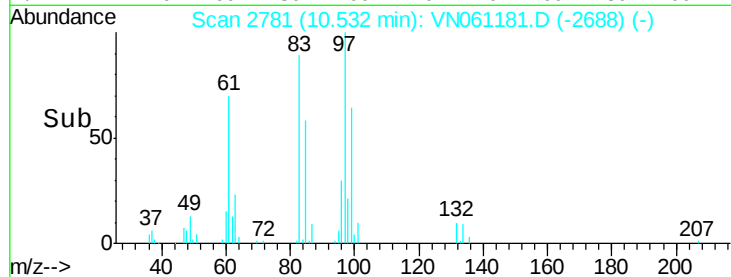
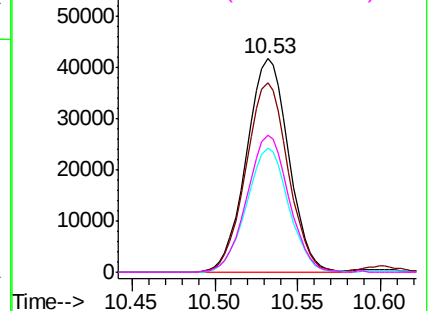
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 51.074 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

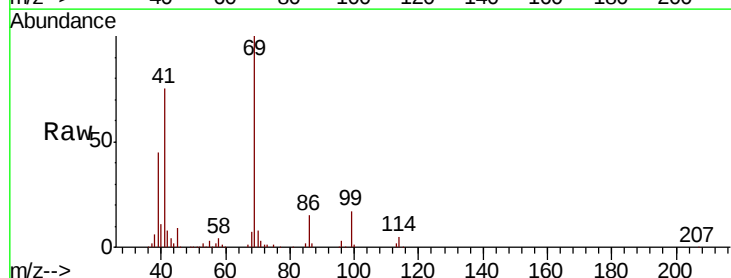
Tgt Ion: 69 Resp: 121128

Ion Ratio Lower Upper

69 100

41 76.1 60.3 90.5

39 46.5 35.9 53.9

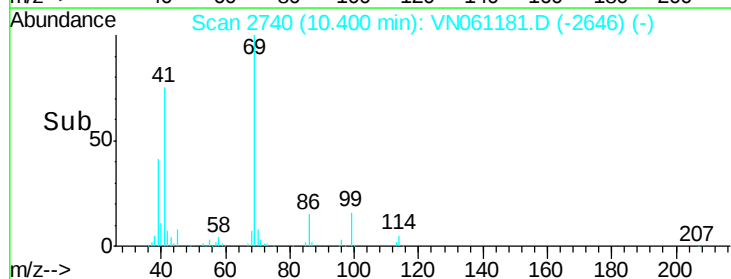
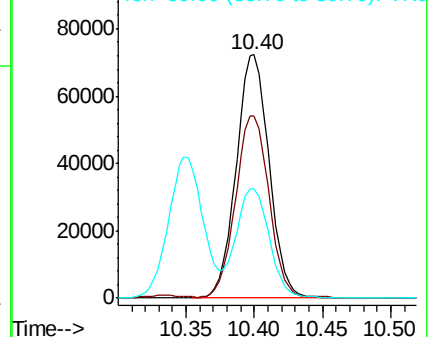


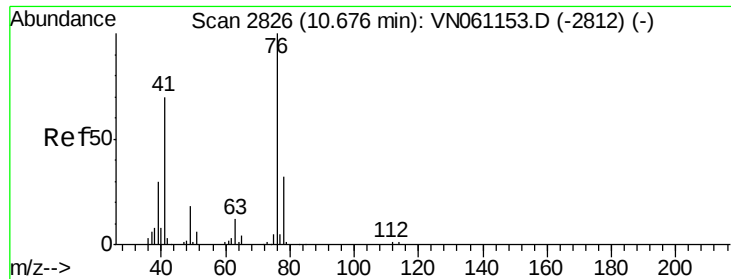
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

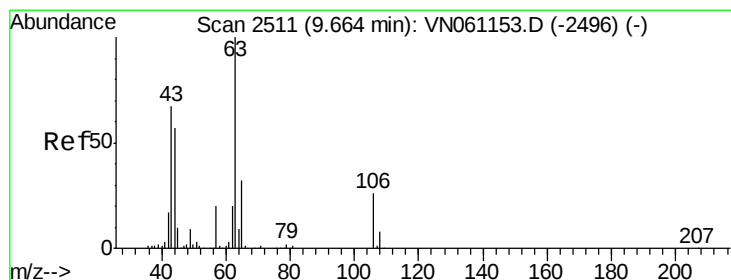
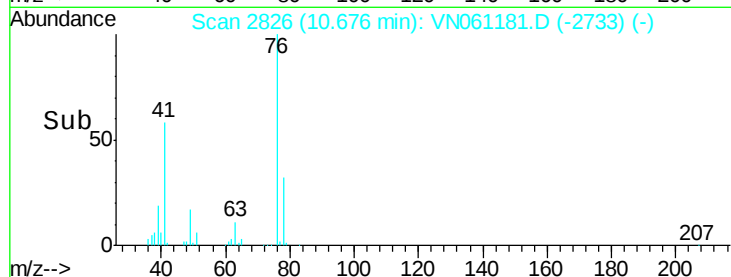
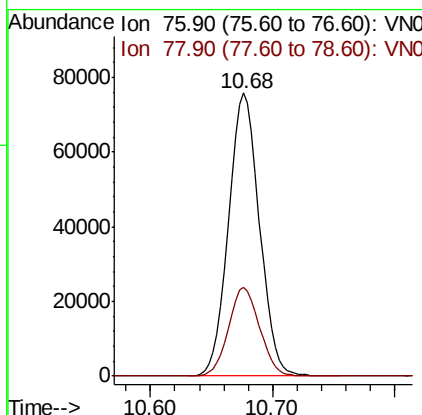
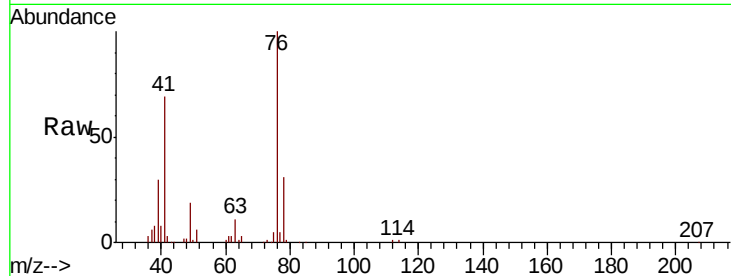




#57
 1,3-Dichloropropane
 Concen: 56.045 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

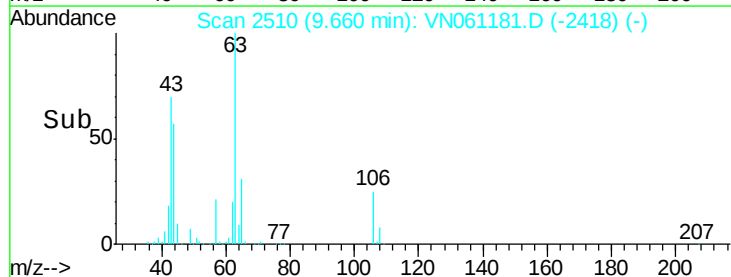
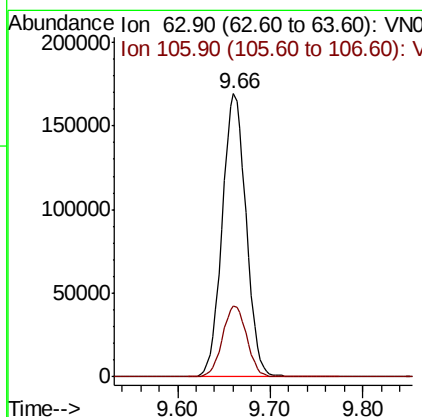
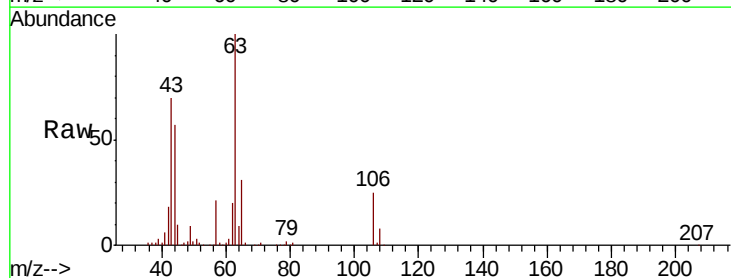
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

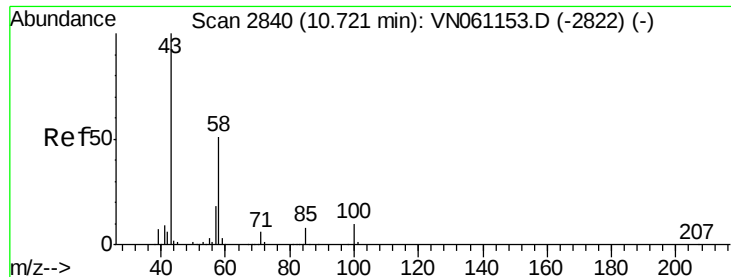
Tot Ion: 76 Resp: 133912
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.156 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 63 Resp: 302754
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 30.8

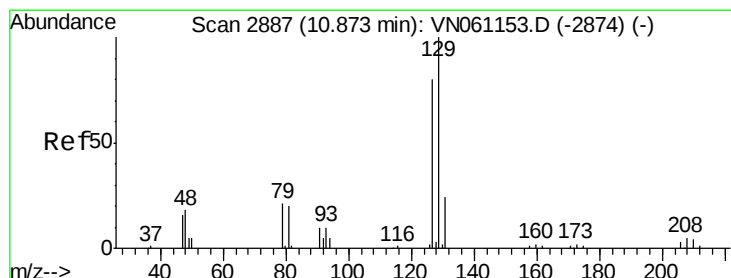
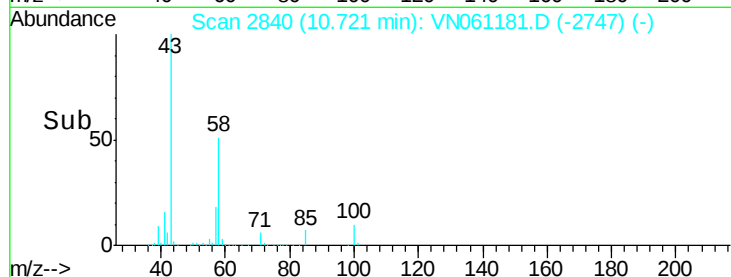
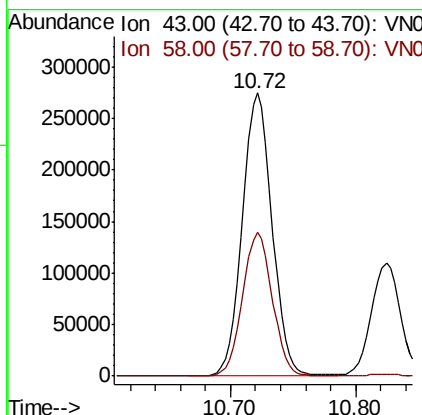
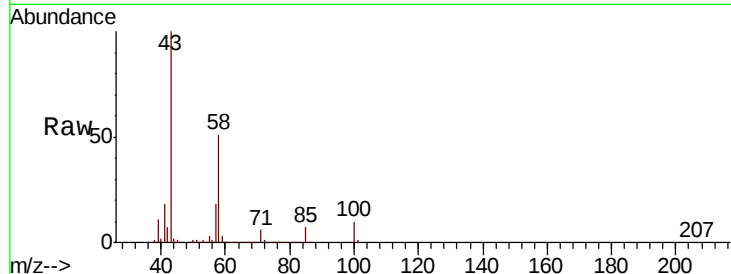




#59
2-Hexanone
Concen: 285.799 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

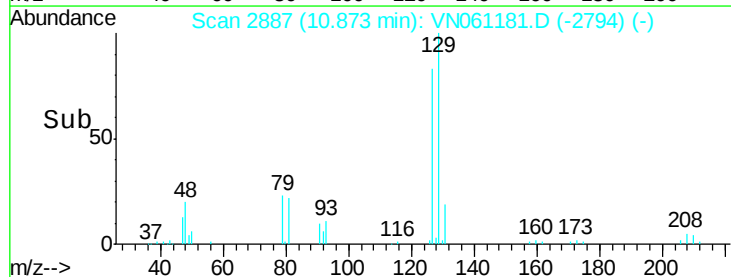
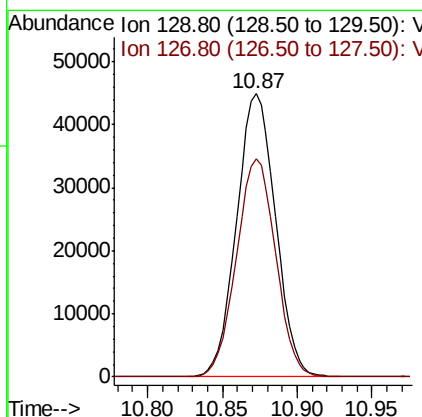
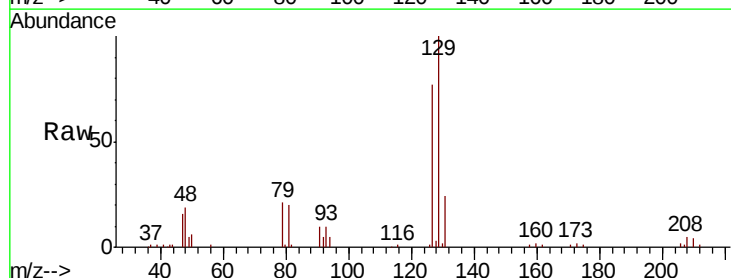
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

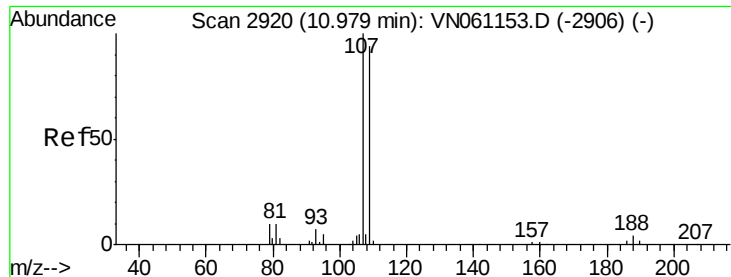
Tot Ion: 43 Resp: 452215
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.4



#60
Dibromochloromethane
Concen: 57.214 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 129 Resp: 81455
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8

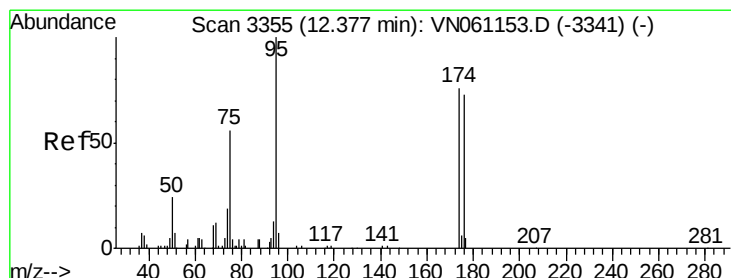
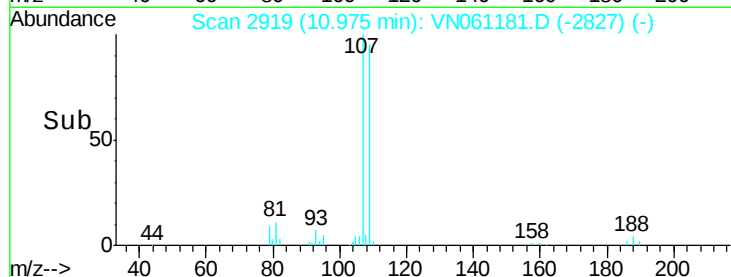
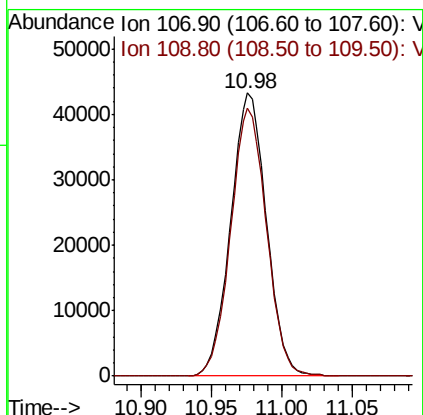
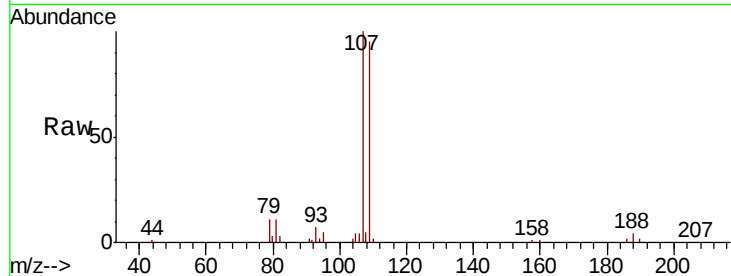




#61
 1,2-Dibromoethane
 Concen: 56.395 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

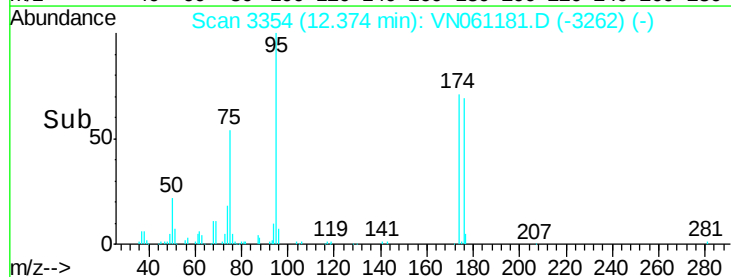
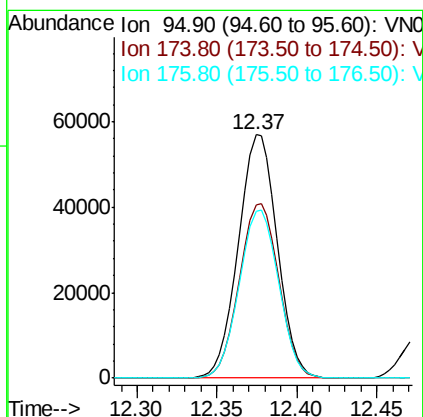
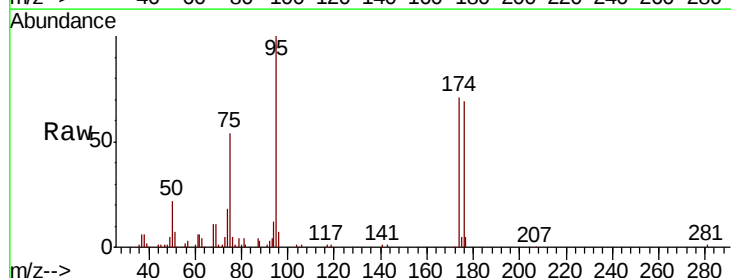
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

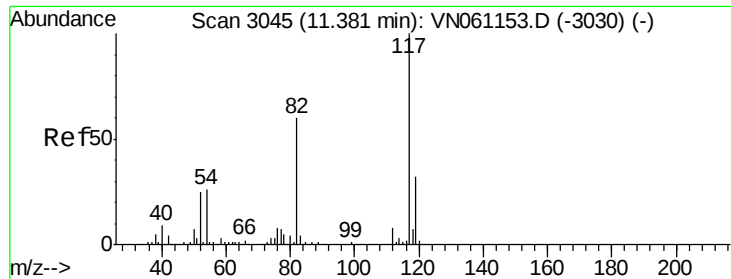
Tot Ion:107 Resp: 76835
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 54.783 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 95 Resp: 94277
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 149.4
 176 70.2 0.0 144.8

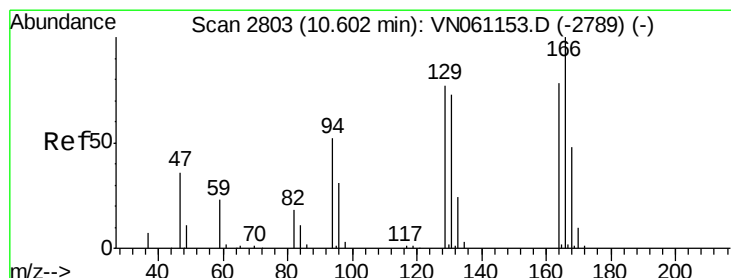
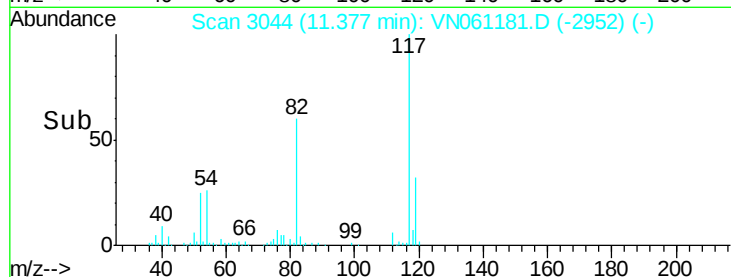
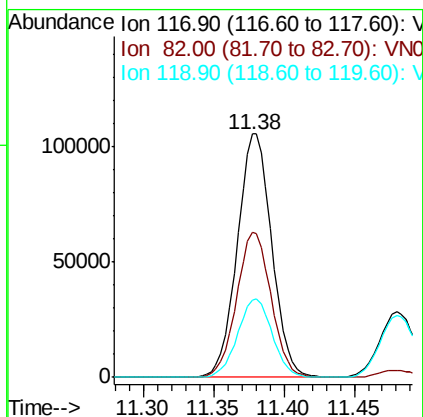
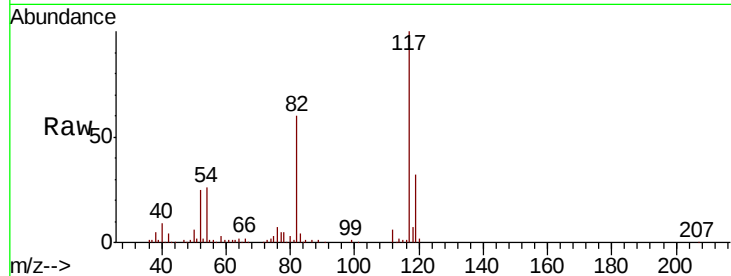




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

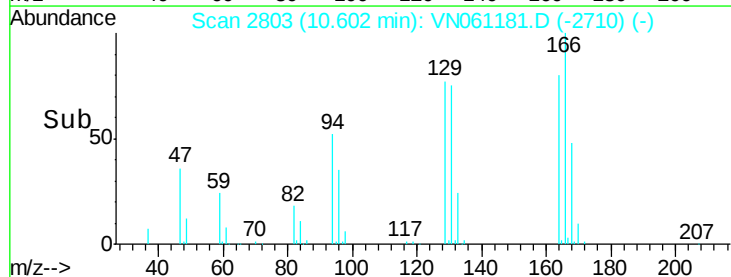
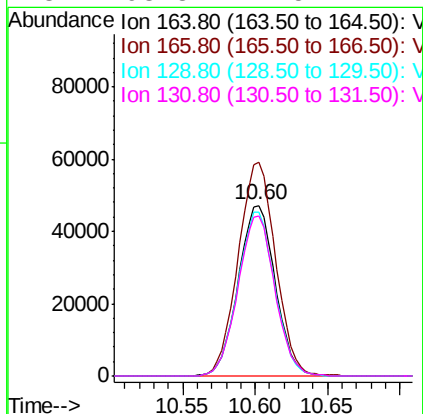
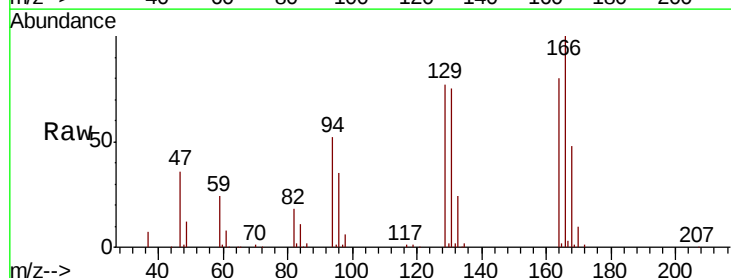
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

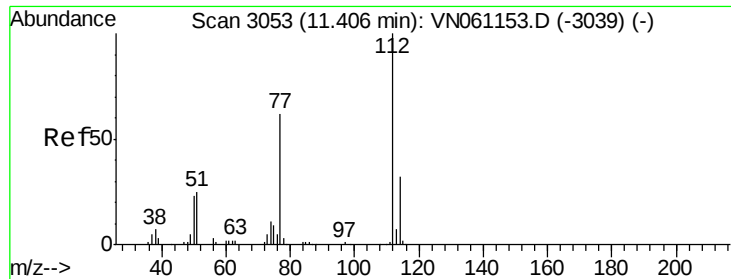
Tot Ion:117 Resp: 181043
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 53.539 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion:164 Resp: 83951
Ion Ratio Lower Upper
164 100
166 125.3 102.0 153.0
129 96.2 78.2 117.2
131 93.8 74.5 111.7





#65

Chlorobenzene

Concen: 54.668 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

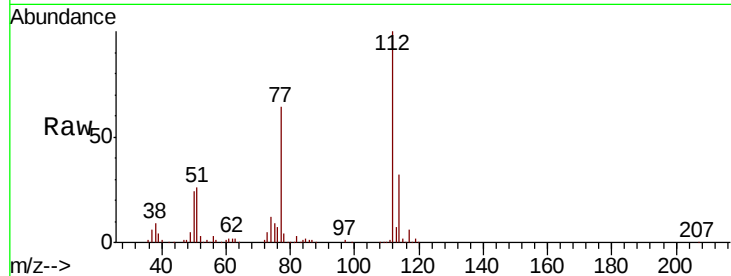
VSTDCCC050

Tot Ion:112 Resp: 196329

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

120000

100000

80000

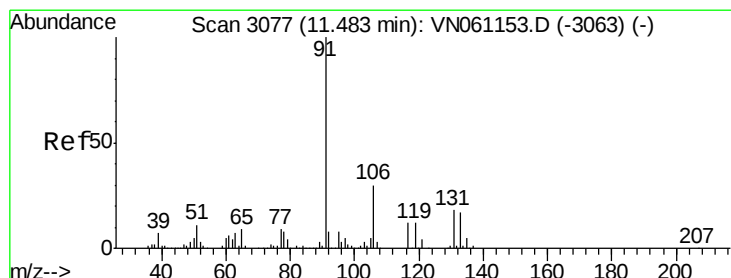
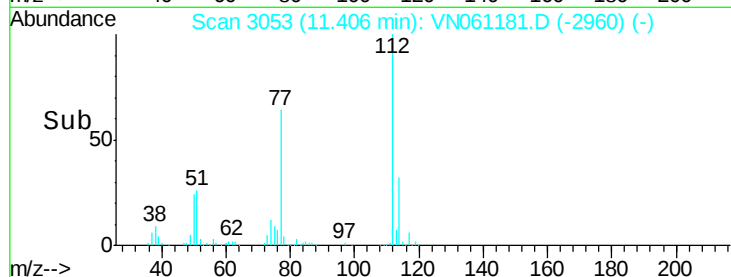
60000

40000

20000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 56.735 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

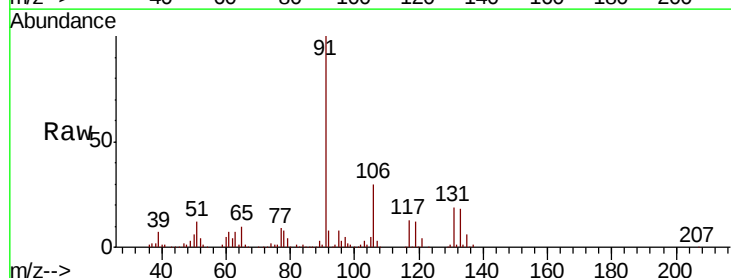
Tgt Ion:131 Resp: 72925

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.2

119 64.9 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

50000

40000

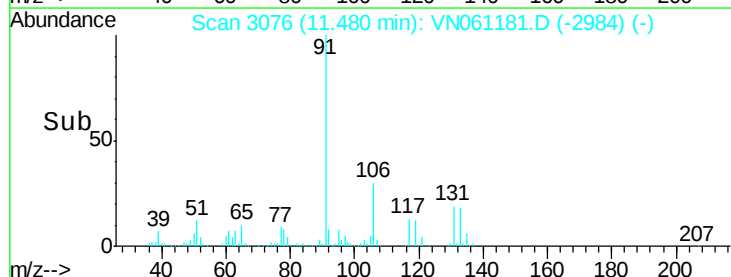
30000

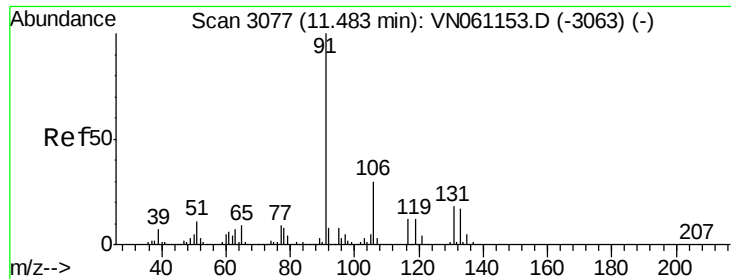
20000

10000

0

Time--> 11.40 11.45 11.50 11.55

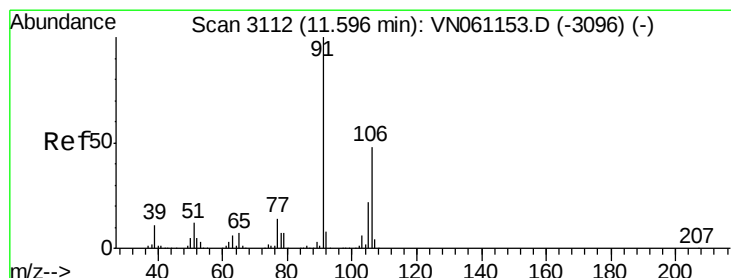
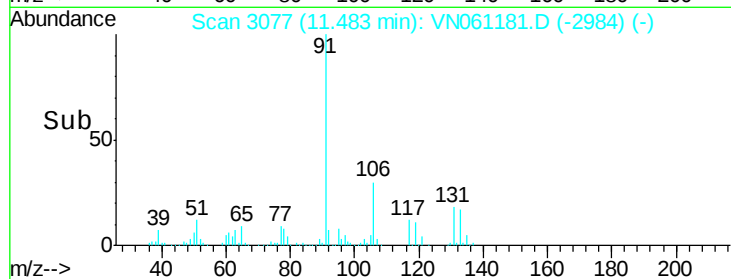
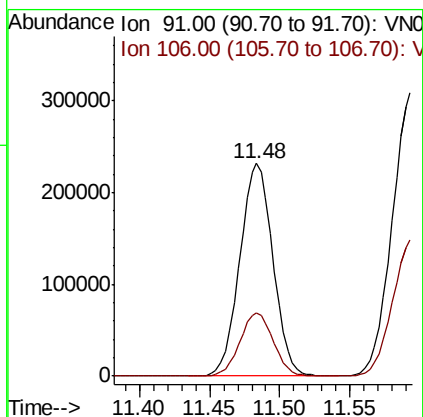
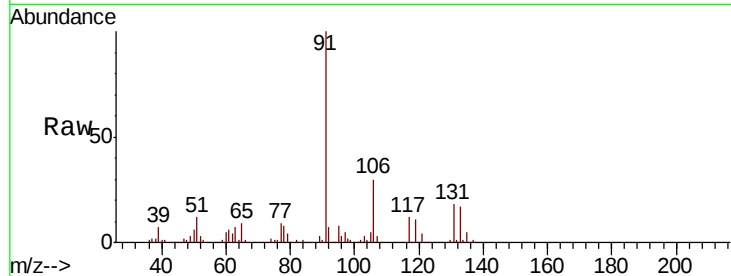




#67
Ethyl Benzene
Concen: 56.724 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

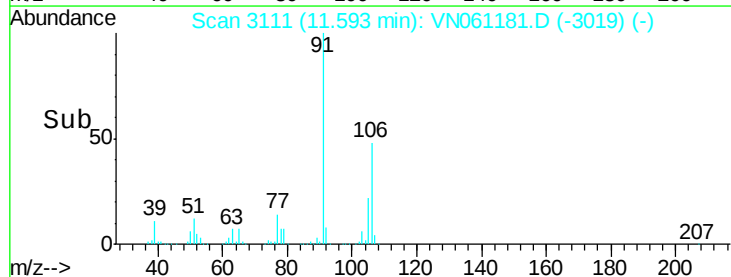
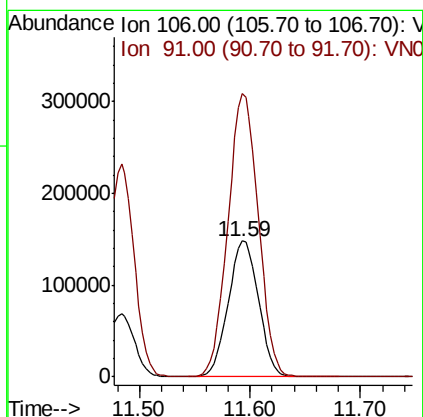
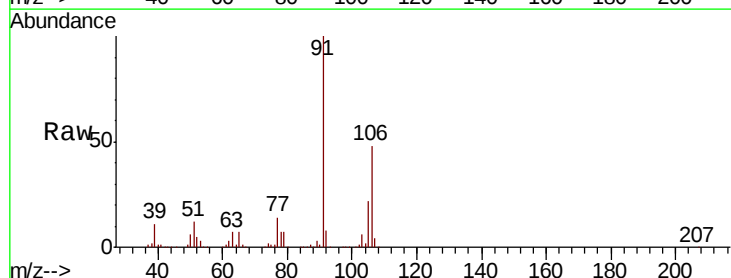
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

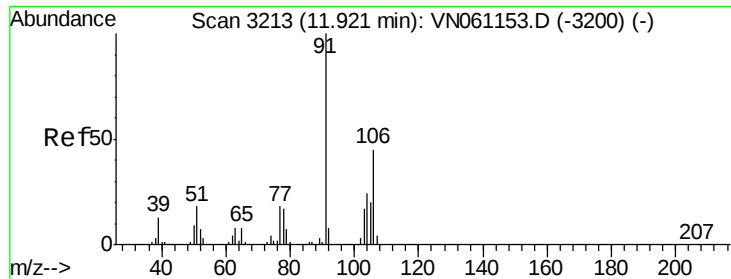
Tot Ion: 91 Resp: 381350
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 114.591 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 106 Resp: 281981
Ion Ratio Lower Upper
106 100
91 208.6 166.4 249.6

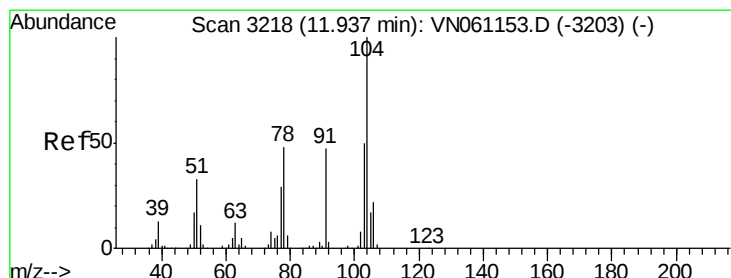
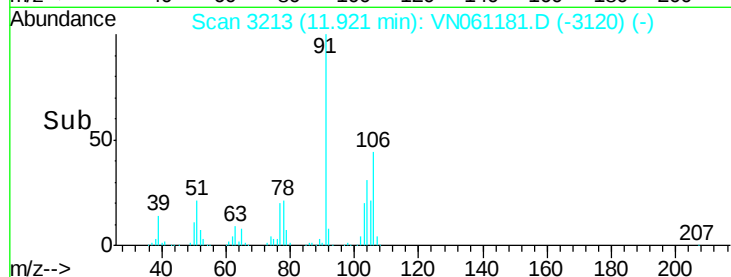
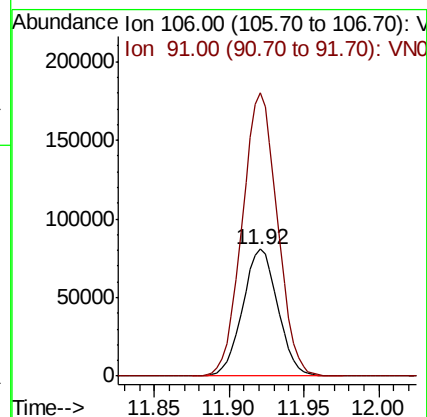
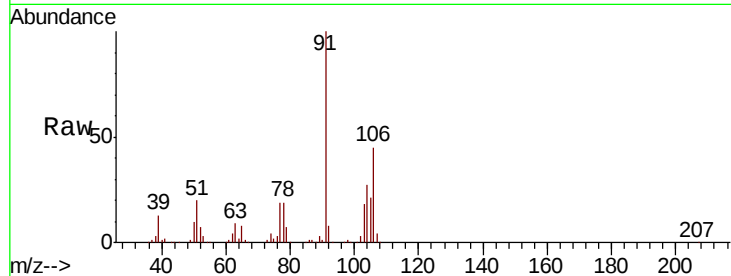




#69
o-Xylene
Concen: 55.817 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

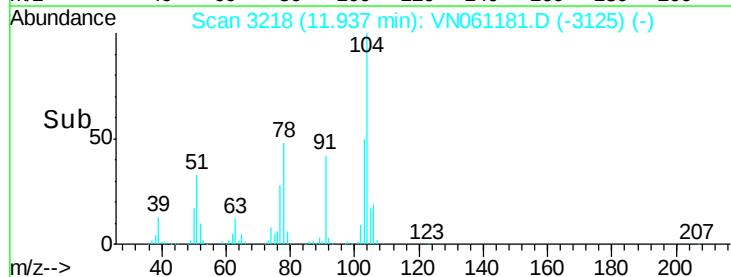
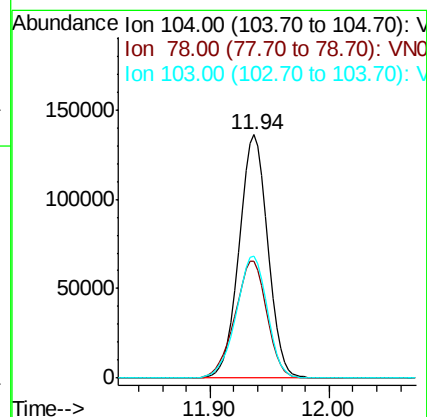
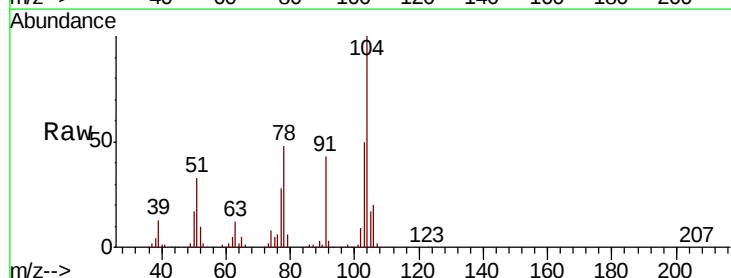
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

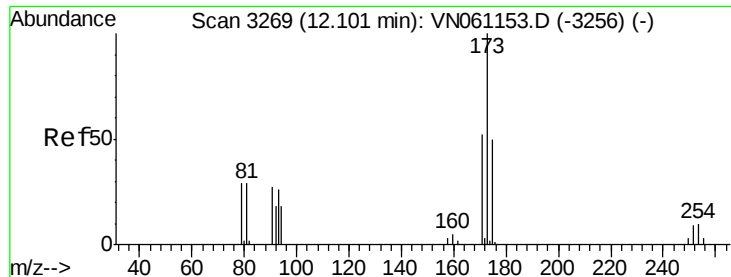
Tot Ion:106 Resp: 131936
Ion Ratio Lower Upper
106 100
91 223.5 109.7 329.0



#70
Styrene
Concen: 57.594 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion:104 Resp: 227850
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 54.2 43.3 64.9





#71

Bromoform

Concen: 58.233 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

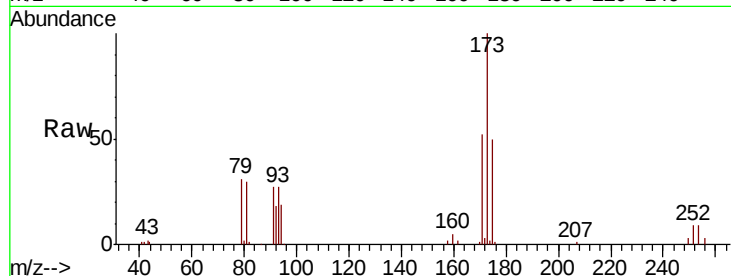
Tot Ion:173 Resp: 55011

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.4

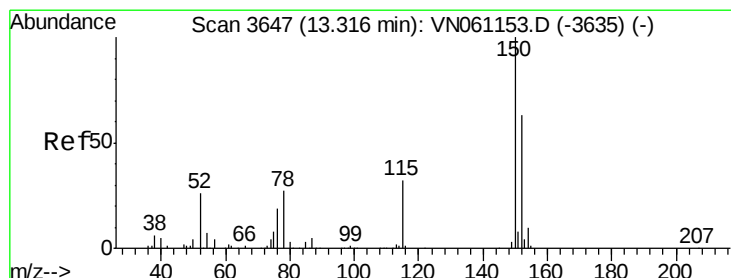
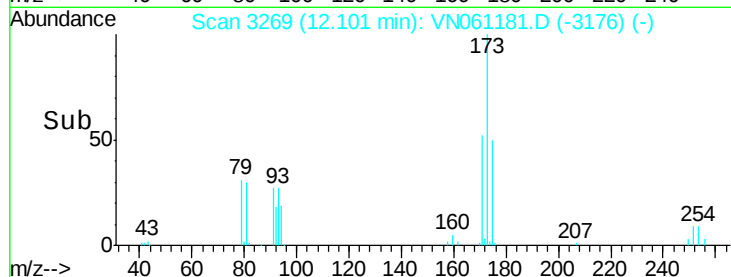
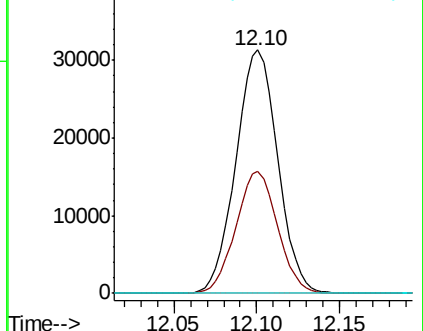
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

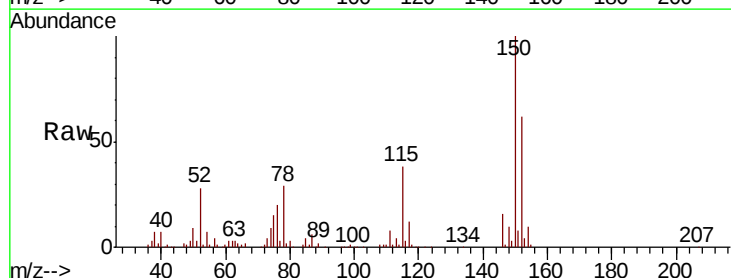
Tgt Ion:152 Resp: 90688

Ion Ratio Lower Upper

152 100

115 61.6 31.0 93.0

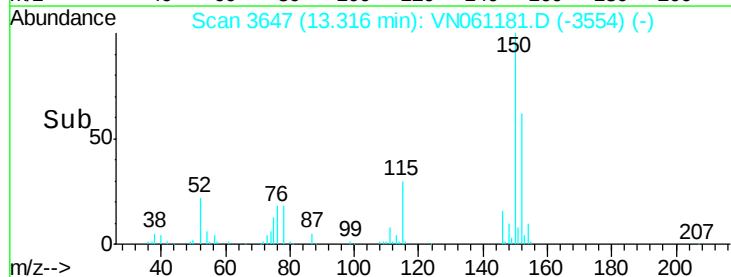
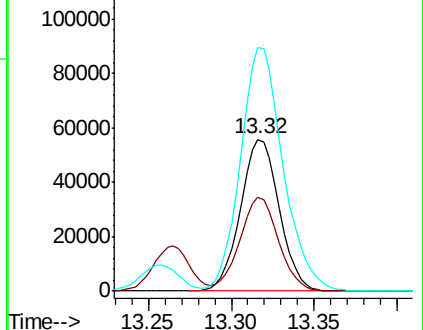
150 176.4 0.0 351.8

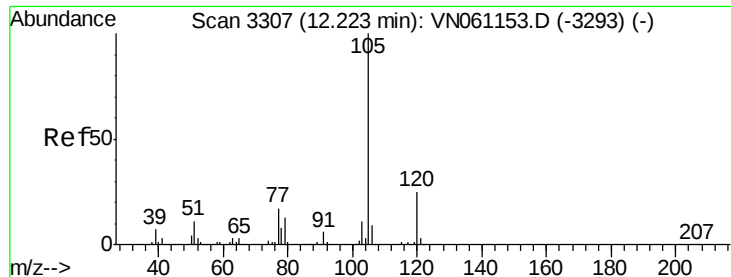


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

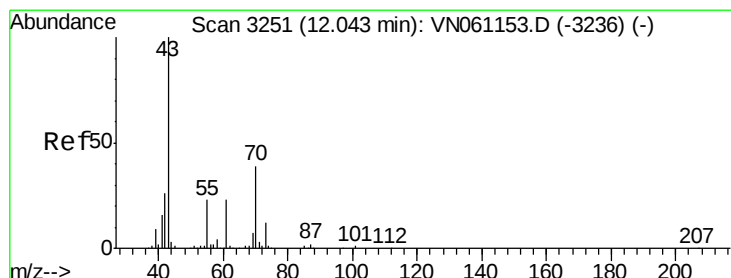
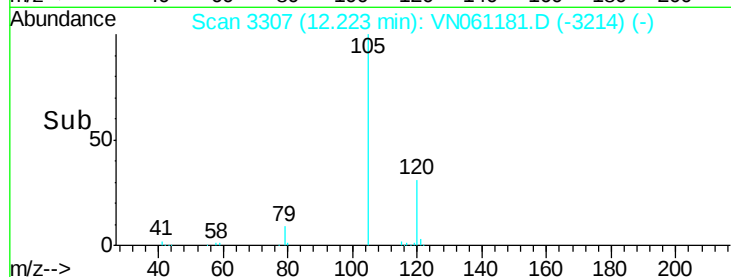
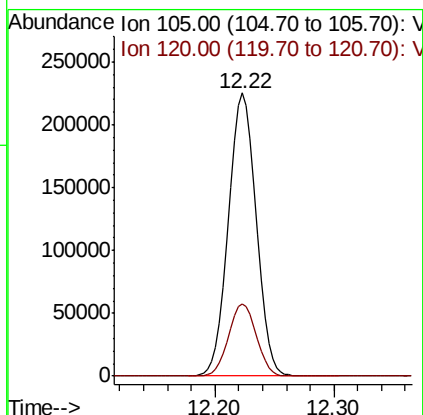
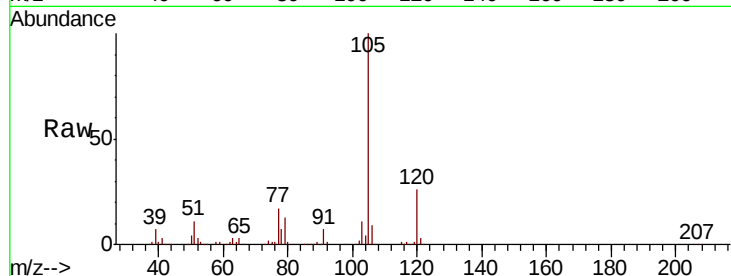




#73
Isopropylbenzene
Concen: 54.719 ug/l
RT: 12.22 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

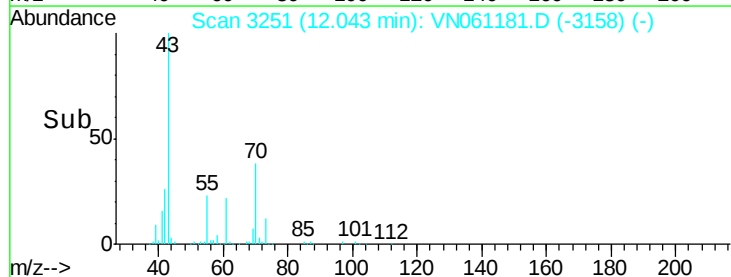
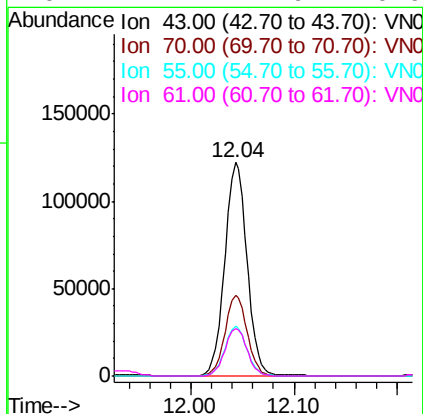
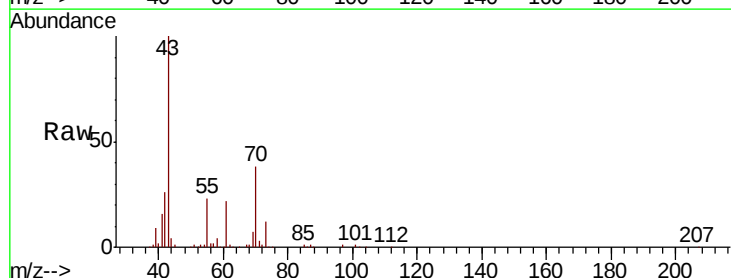
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

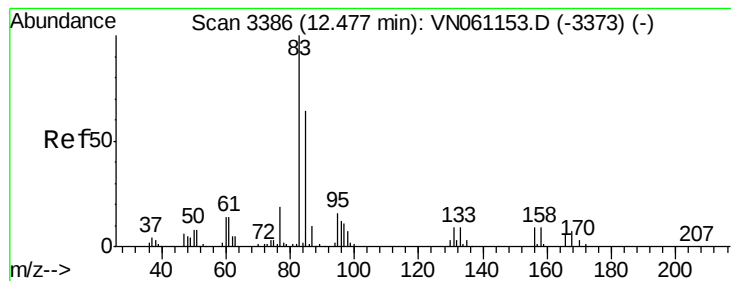
Tot Ion:105 Resp: 364808
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8



#74
N-ethyl acetate
Concen: 54.630 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 43 Resp: 184429
Ion Ratio Lower Upper
43 100
70 37.6 30.6 46.0
55 23.0 18.5 27.7
61 22.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.295 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

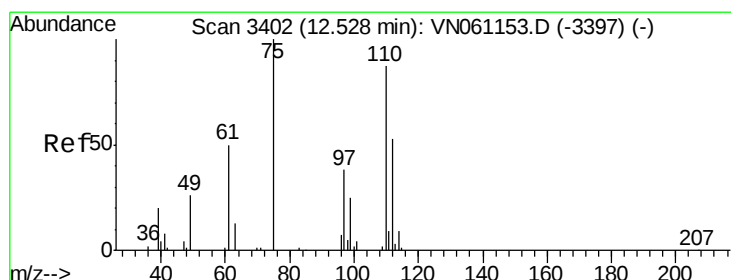
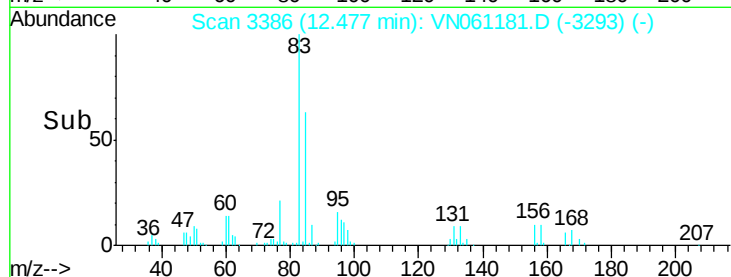
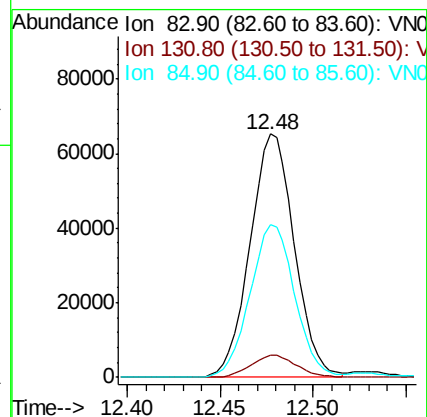
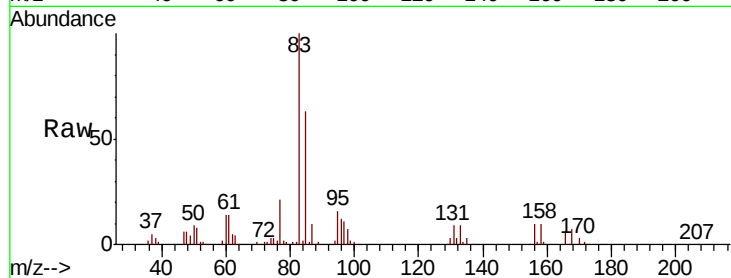
Tot Ion: 83 Resp: 108713

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 80.890 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN061181.D

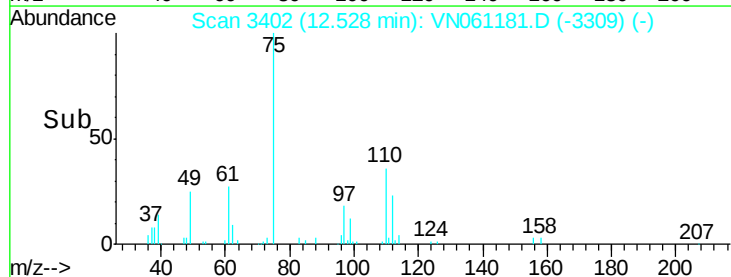
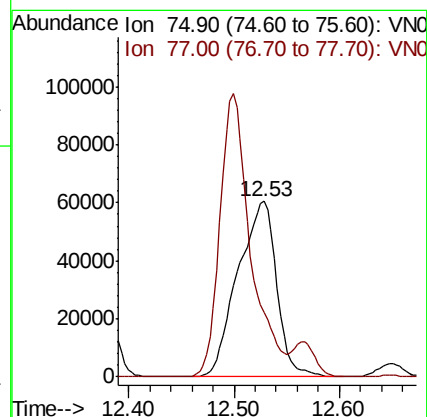
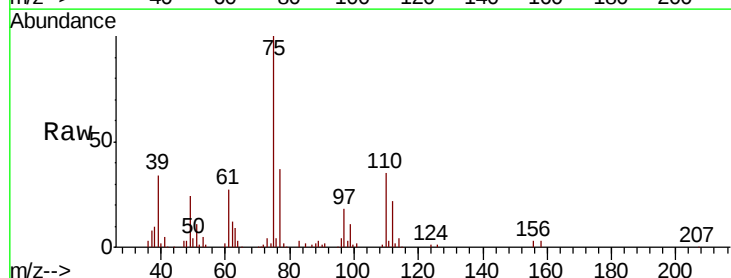
Acq: 29 Apr 2020 10:02

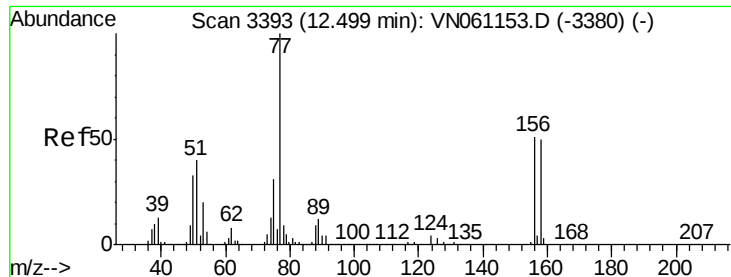
Tgt Ion: 75 Resp: 154657

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.208 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

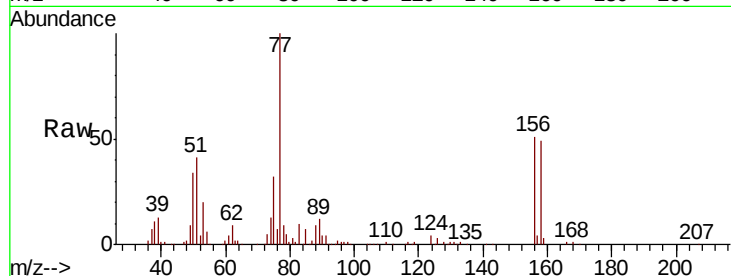
Tot Ion:156 Resp: 83427

Ion	Ratio	Lower	Upper
156	100		
77	236.6	117.4	352.2
158	97.1	48.4	145.0

156 100

77 236.6 117.4 352.2

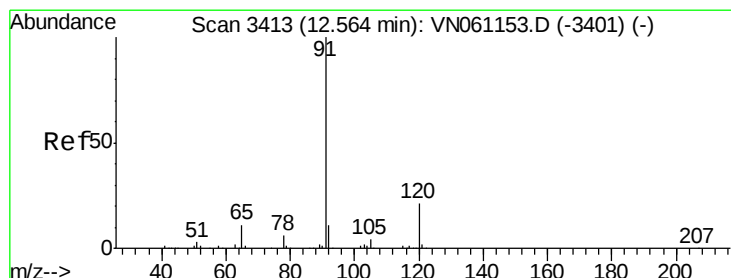
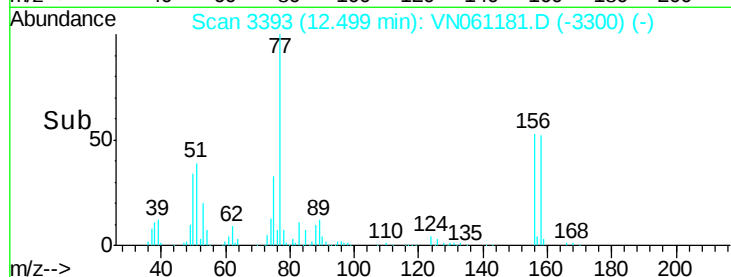
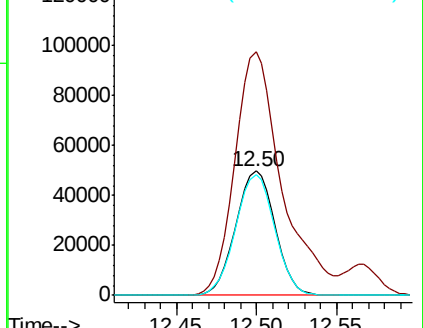
158 97.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.123 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061181.D

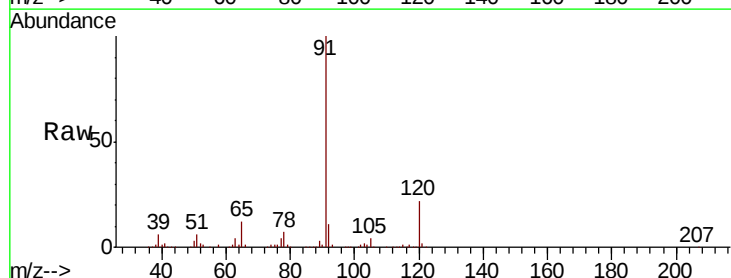
Acq: 29 Apr 2020 10:02

Tgt Ion: 91 Resp: 443806

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.3

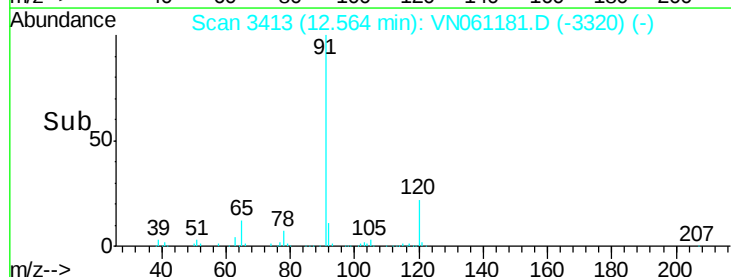
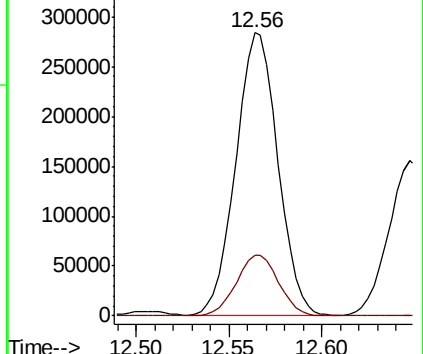
91 100

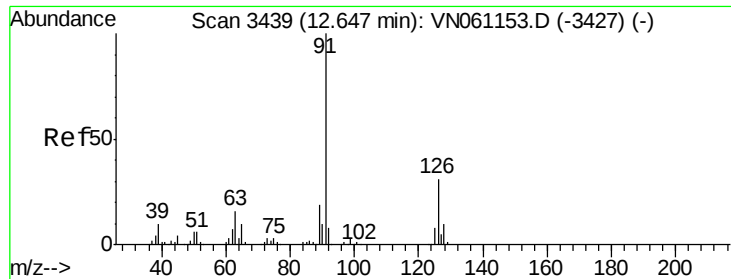
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

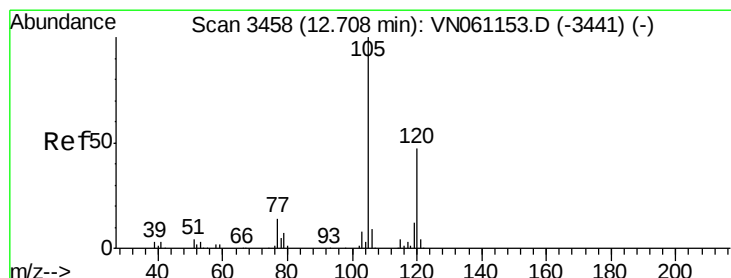
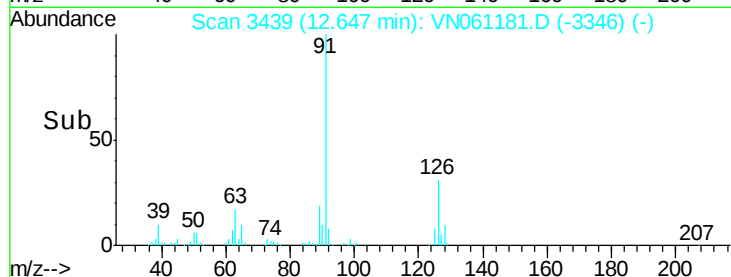
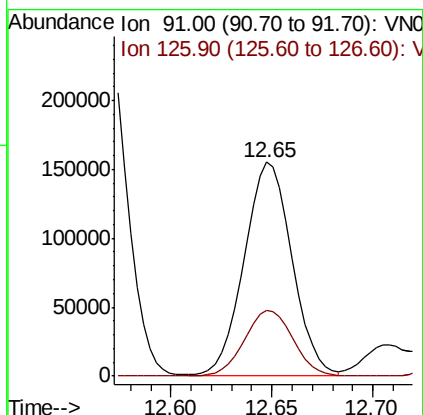
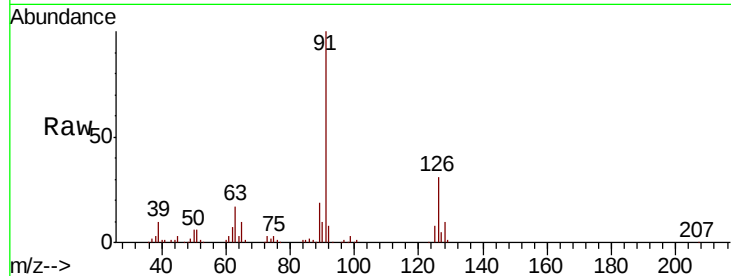




#79
 2-Chlorotoluene
 Concen: 55.040 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

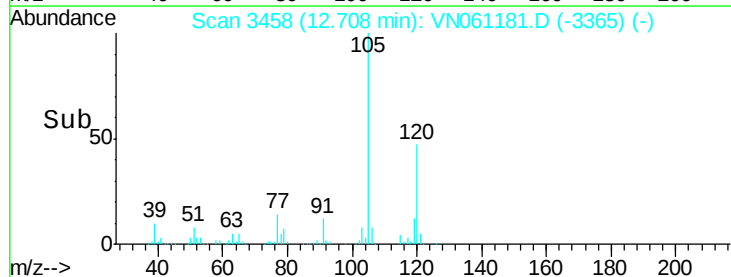
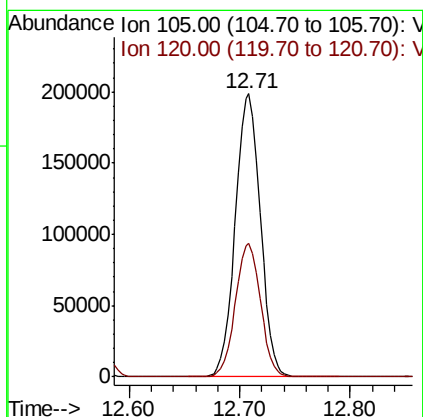
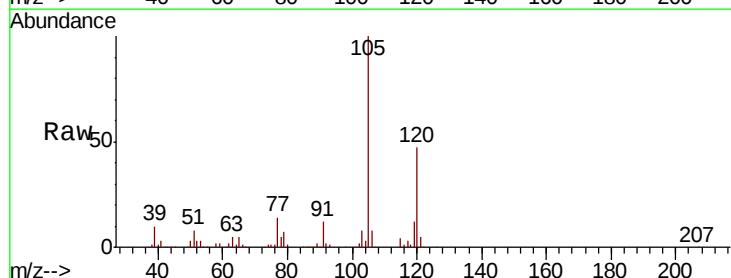
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

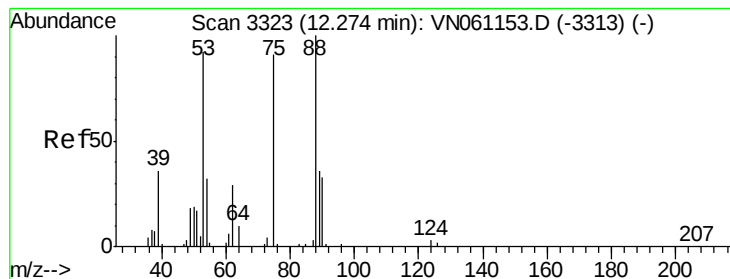
Tot Ion: 91 Resp: 255823
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 56.796 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion: 105 Resp: 313396
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 55.040 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

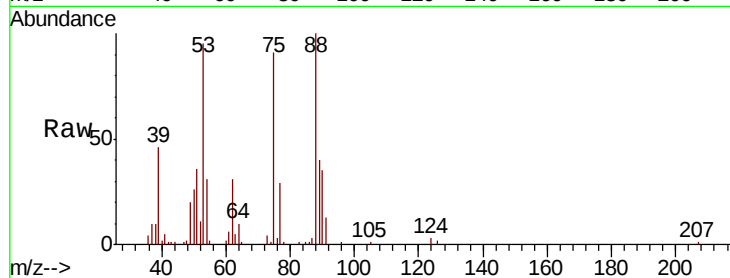
Tot Ion: 75 Resp: 41439

Ion Ratio Lower Upper

75 100

53 107.1 84.1 126.1

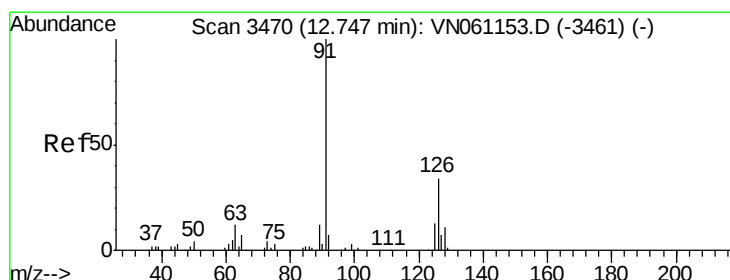
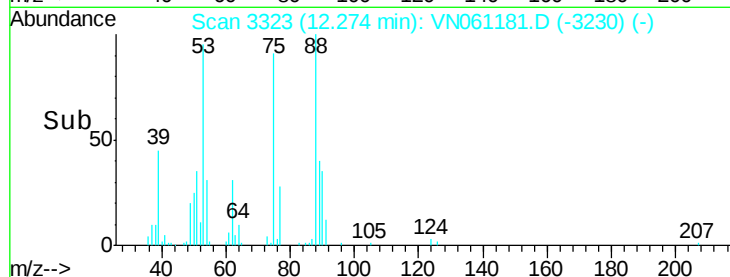
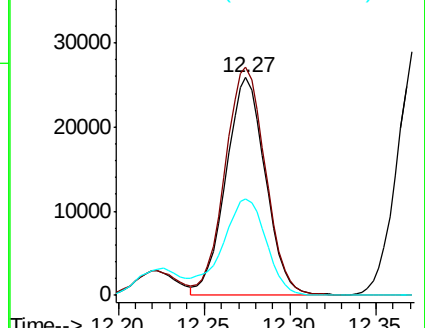
89 49.3 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 56.174 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061181.D

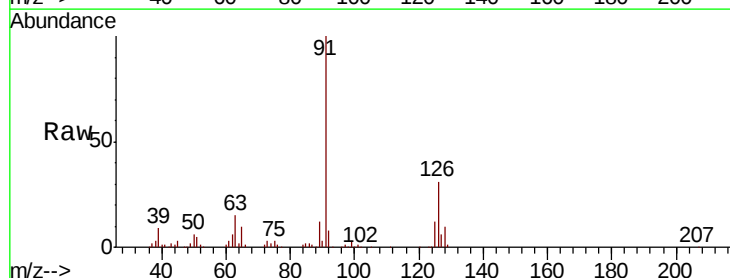
Acq: 29 Apr 2020 10:02

Tgt Ion: 91 Resp: 275185

Ion Ratio Lower Upper

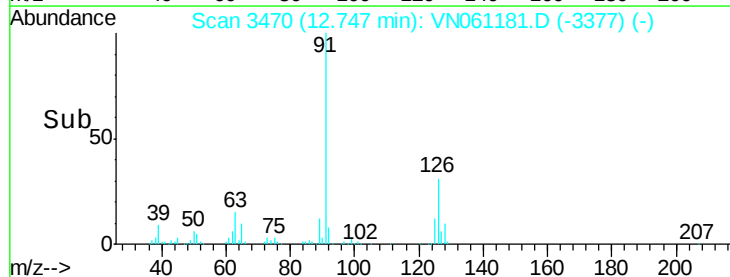
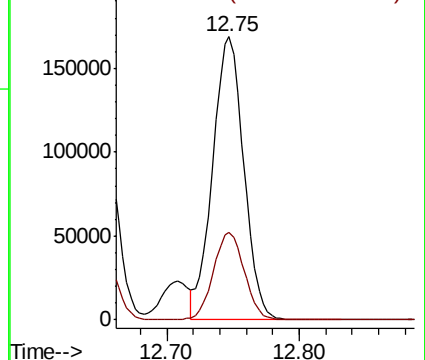
91 100

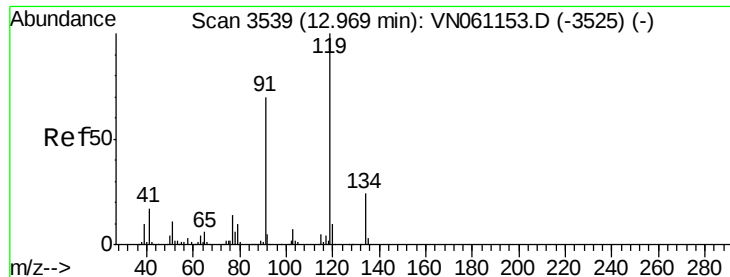
126 30.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)





#83

tert-Butylbenzene

Concen: 55.723 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

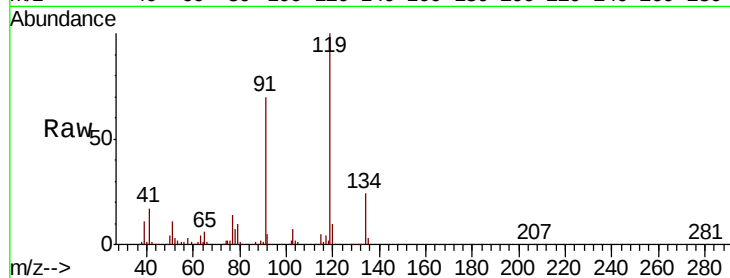
Tot Ion:119 Resp: 259264

Ion Ratio Lower Upper

119 100

91 69.3 34.8 104.4

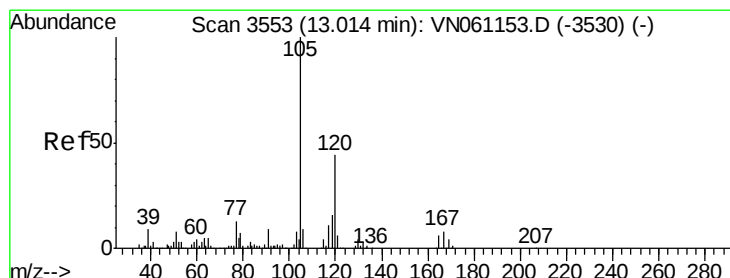
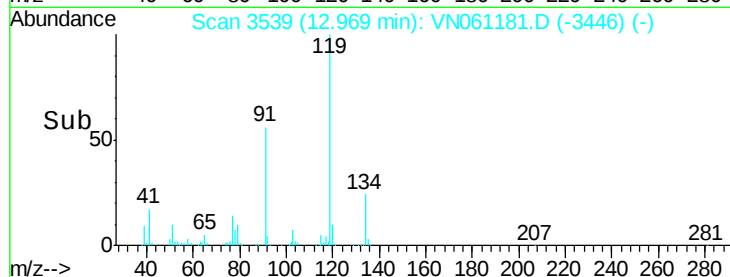
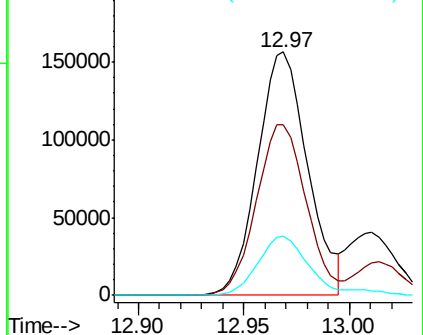
134 25.8 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.466 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.00 min

Lab File: VN061181.D

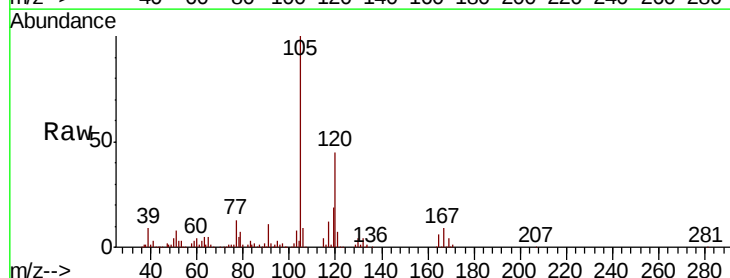
Acq: 29 Apr 2020 10:02

Tgt Ion:105 Resp: 315321

Ion Ratio Lower Upper

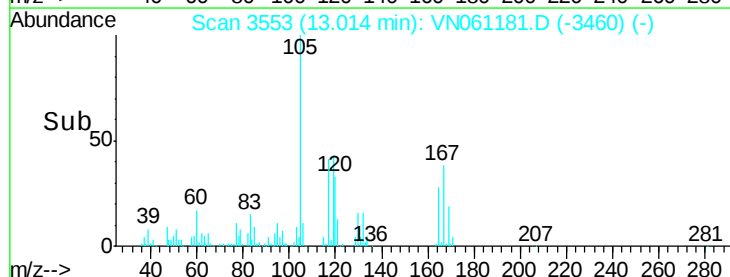
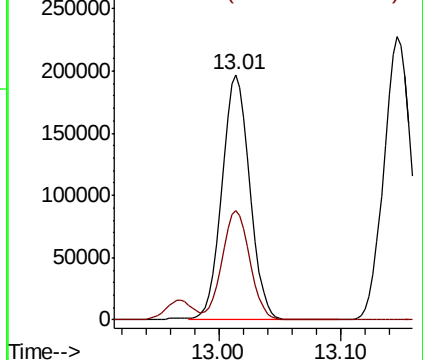
105 100

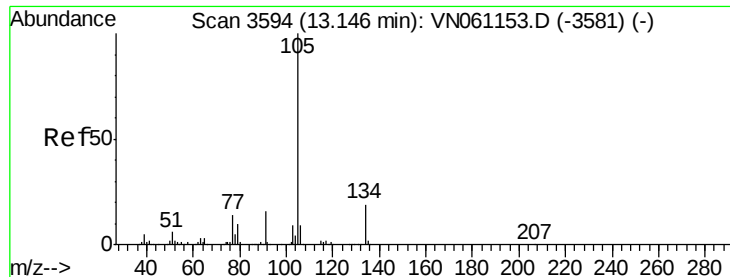
120 44.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.882 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

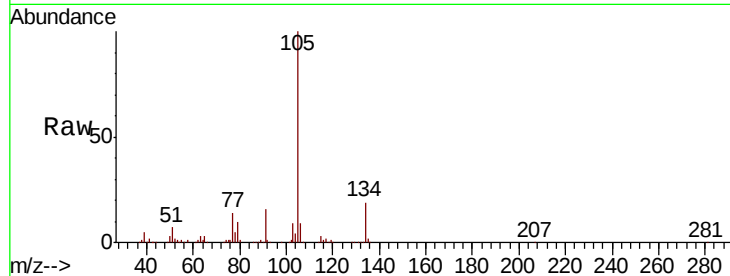
VSTDCCC050

Tot Ion:105 Resp: 360826

Ion Ratio Lower Upper

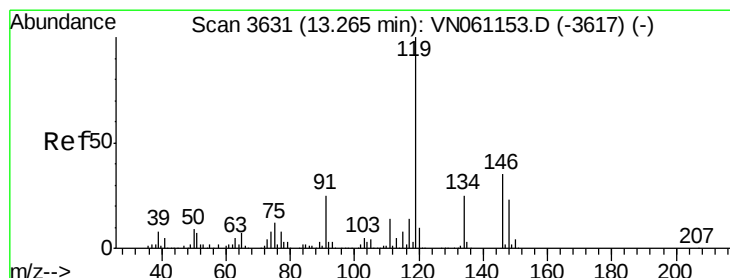
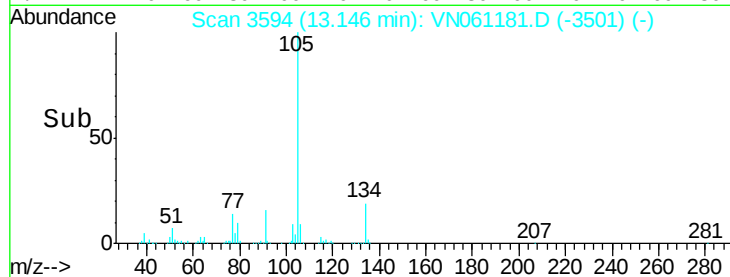
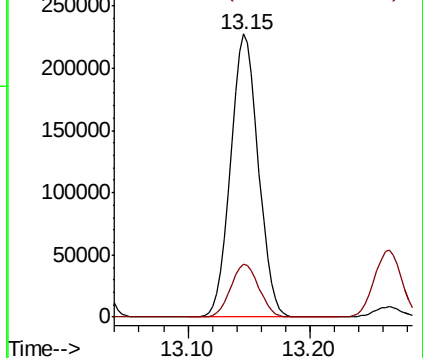
105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.603 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

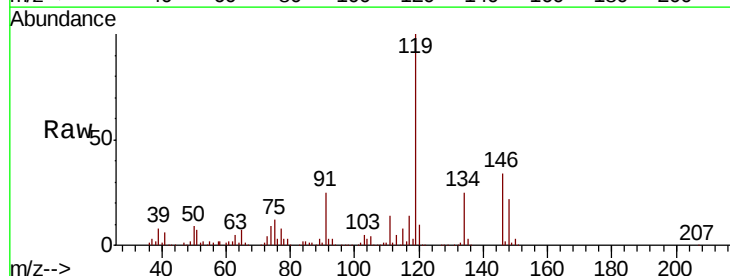
Tgt Ion:119 Resp: 329221

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

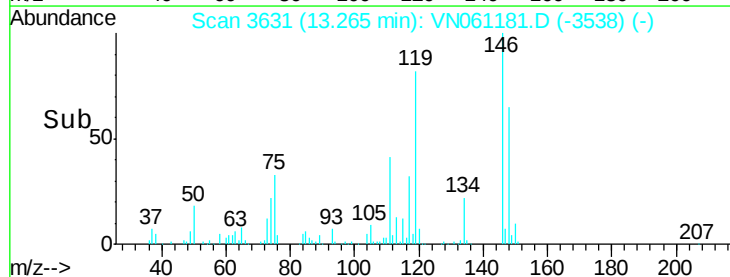
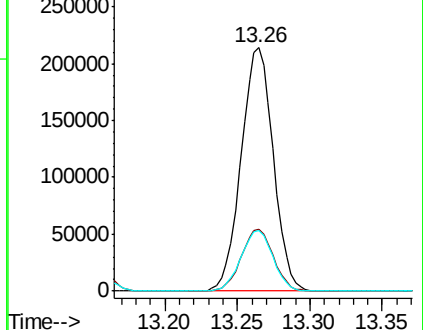
91 25.1 12.7 38.0

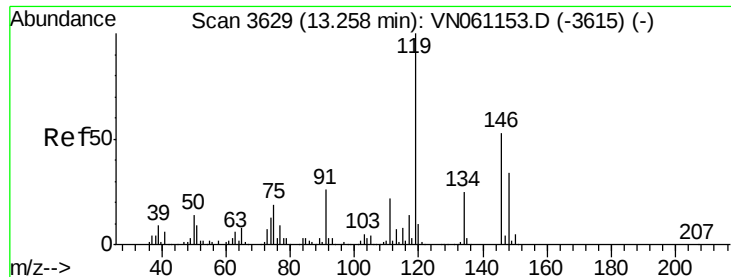


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

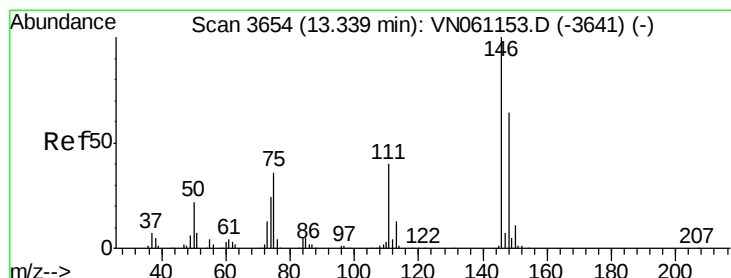
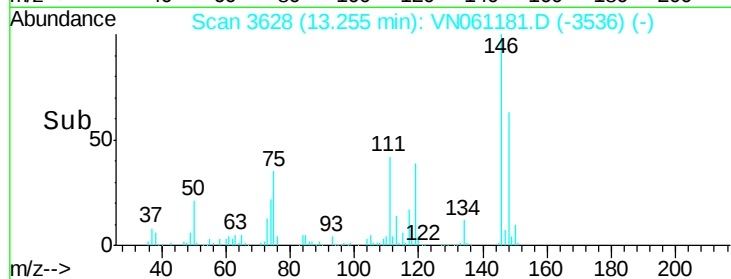
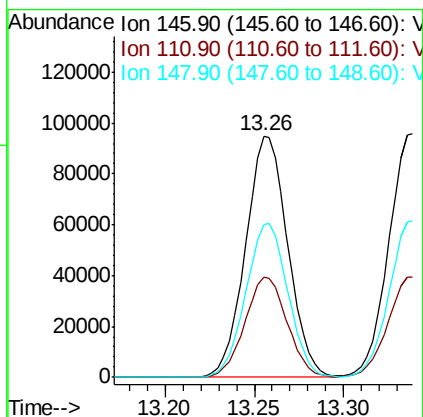
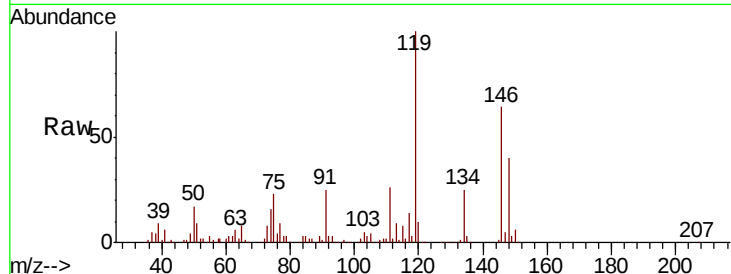




#87
 1,3-Dichlorobenzene
 Concen: 55.256 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

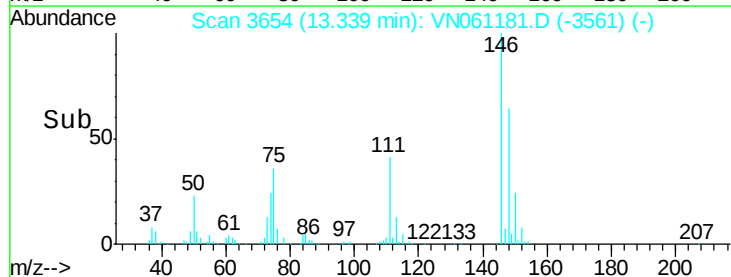
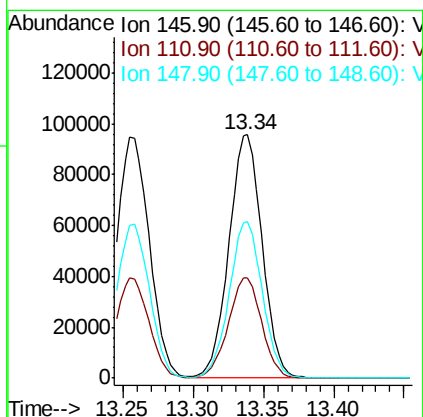
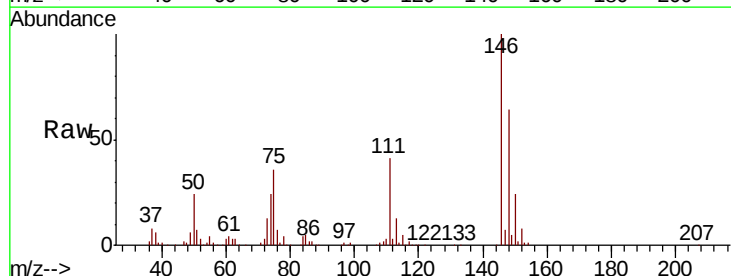
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

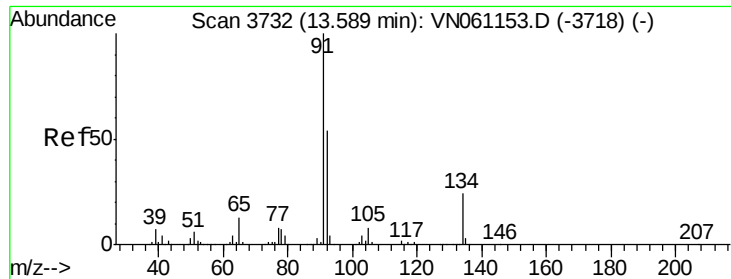
Tot Ion:146 Resp: 156552
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.7 62.1
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 54.563 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion:146 Resp: 157950
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 64.1 31.9 95.7

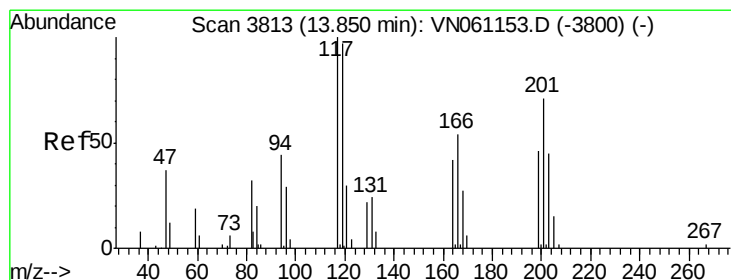
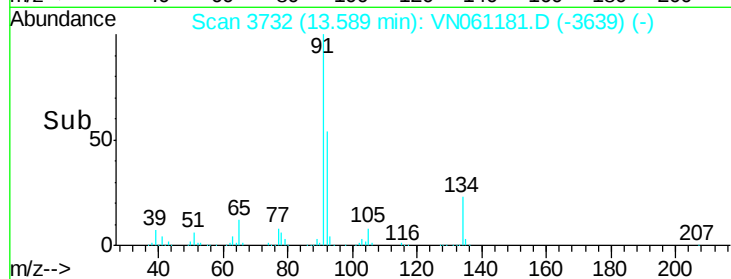
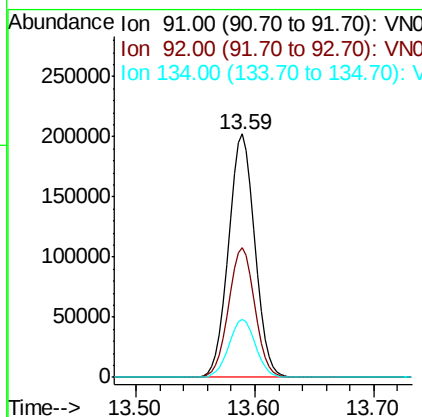
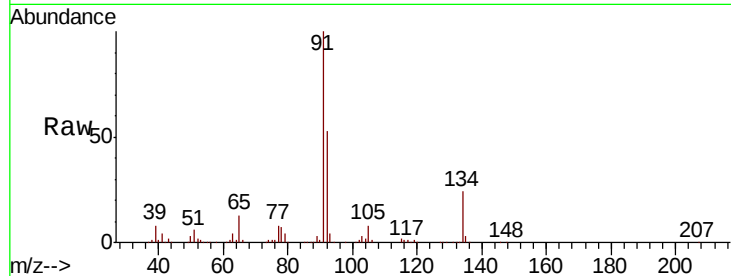




#89
n-Butylbenzene
Concen: 59.009 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

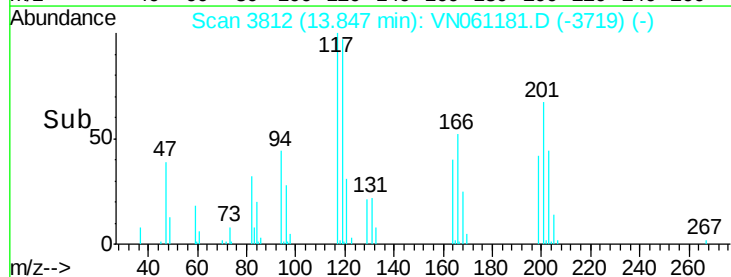
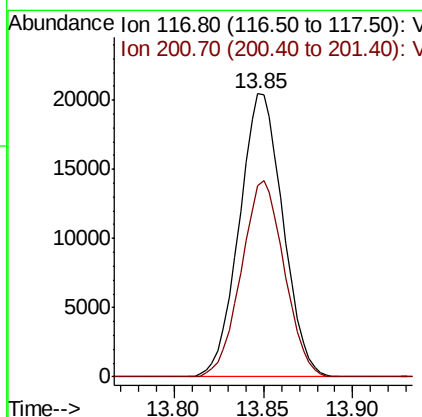
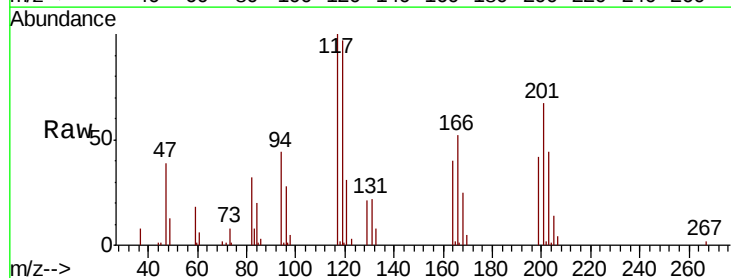
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

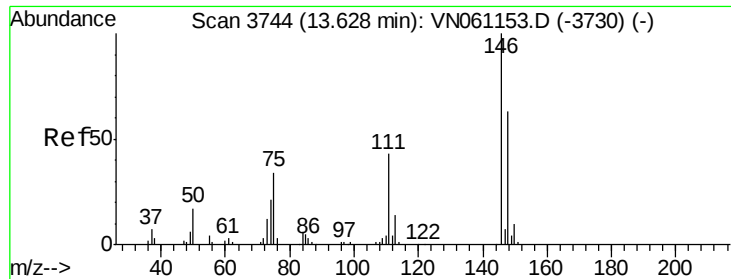
Tot Ion: 91 Resp: 309179
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 24.3 11.9 35.5



#90
Hexachloroethane
Concen: 57.500 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061181.D
Acq: 29 Apr 2020 10:02

Tgt Ion: 117 Resp: 35083
Ion Ratio Lower Upper
117 100
201 68.0 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 54.560 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

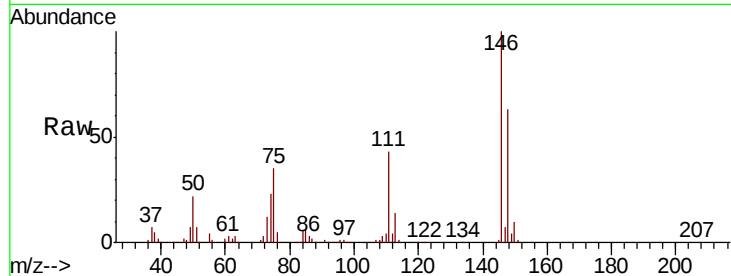
Tot Ion:146 Resp: 148216

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.3

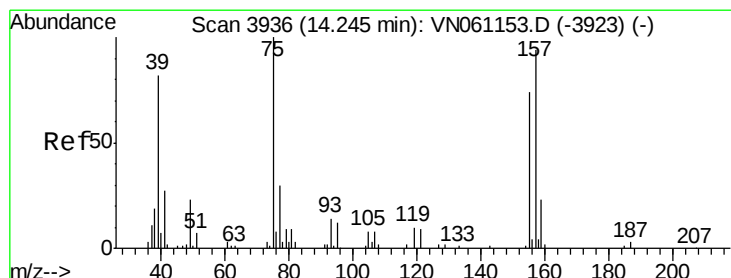
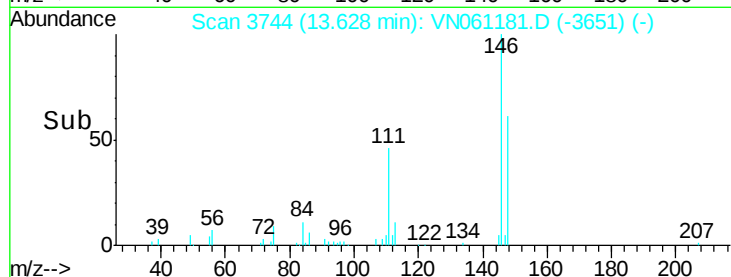
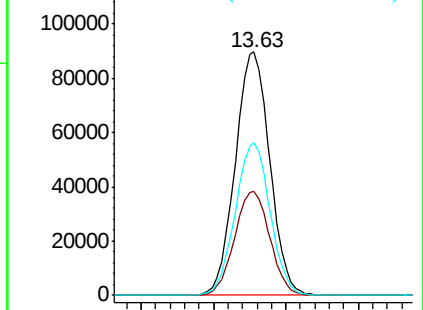
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.939 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

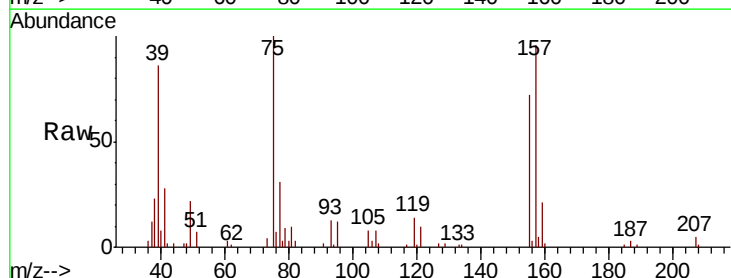
Tgt Ion: 75 Resp: 23682

Ion Ratio Lower Upper

75 100

155 71.5 36.5 109.7

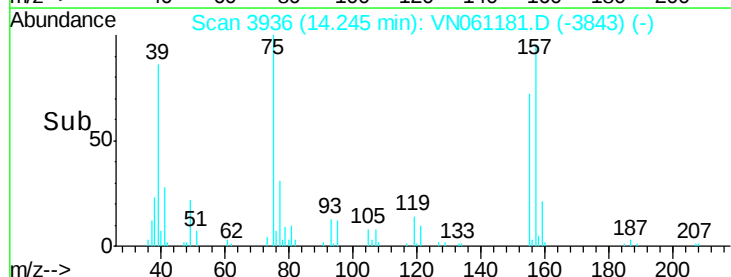
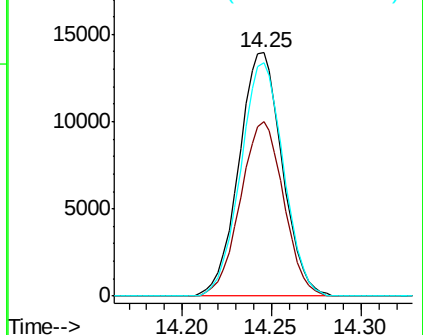
157 94.9 46.6 139.7

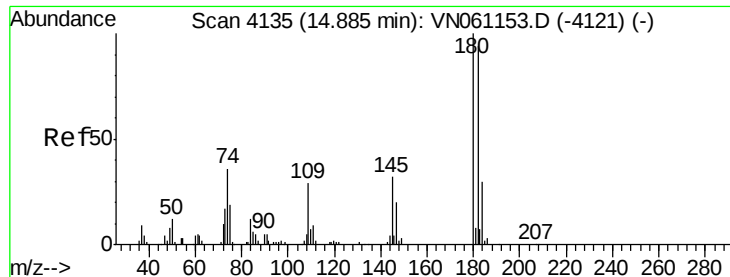


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

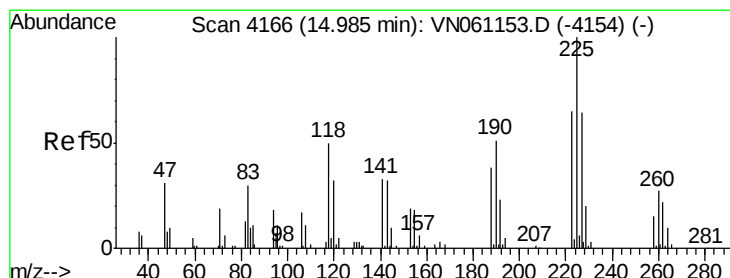
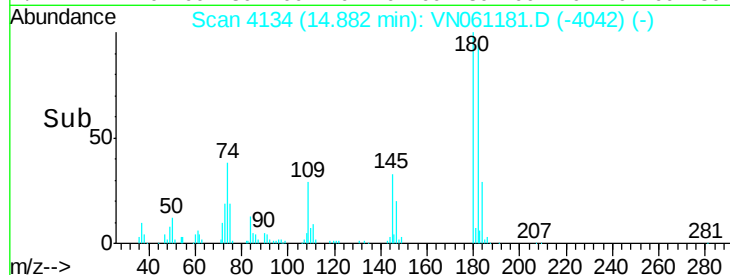
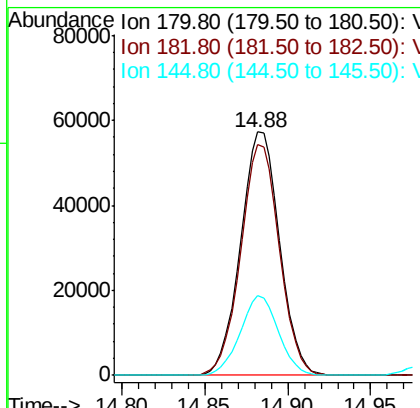
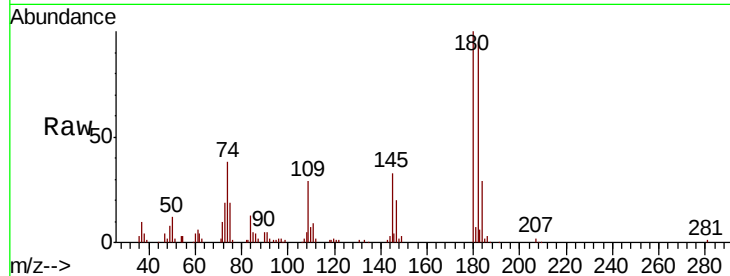




#93
 1,2,4-Trichlorobenzene
 Concen: 56.486 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

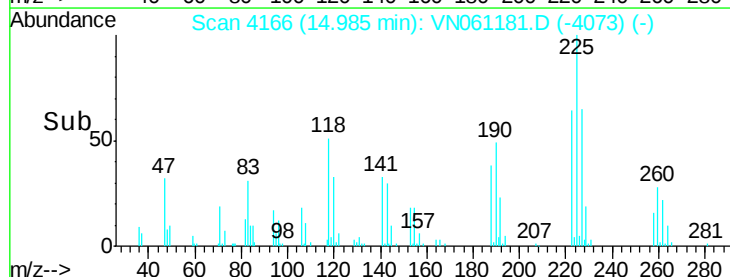
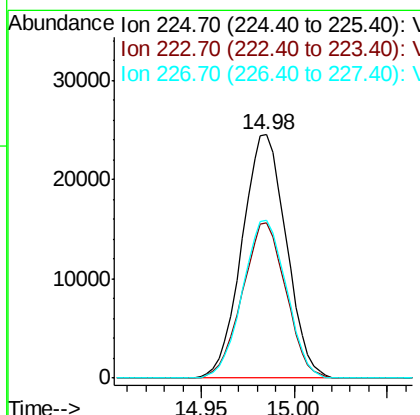
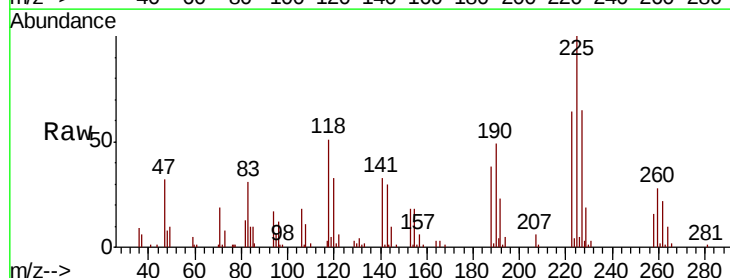
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

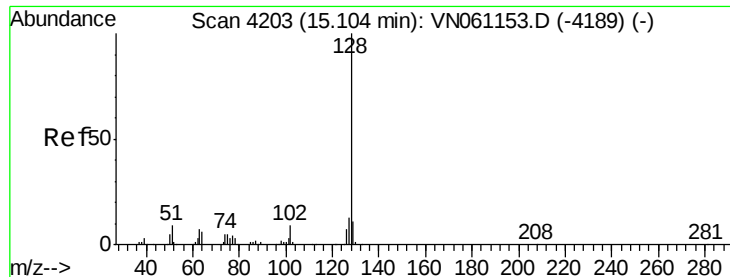
Tot Ion:180 Resp: 93443
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 141.9
 145 32.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 58.961 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061181.D
 Acq: 29 Apr 2020 10:02

Tgt Ion:225 Resp: 40748
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.4 97.0
 227 63.9 32.4 97.0





#95

Naphthalene

Concen: 53.786 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

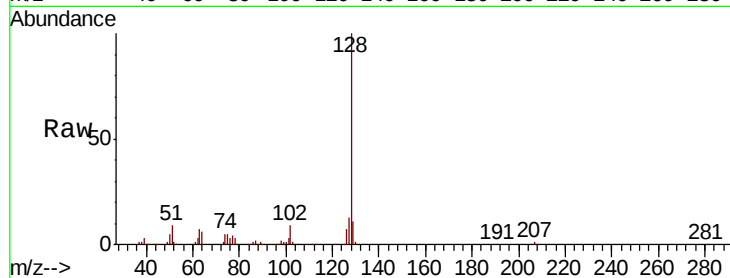
Tot Ion:128 Resp: 289767

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

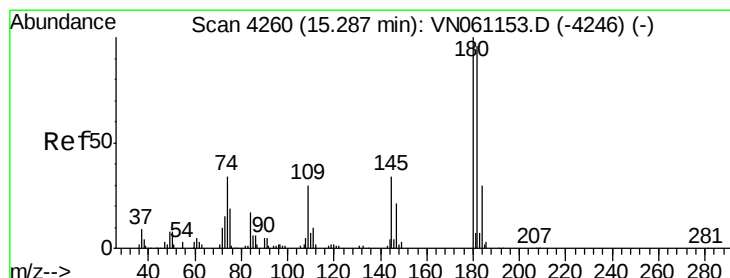
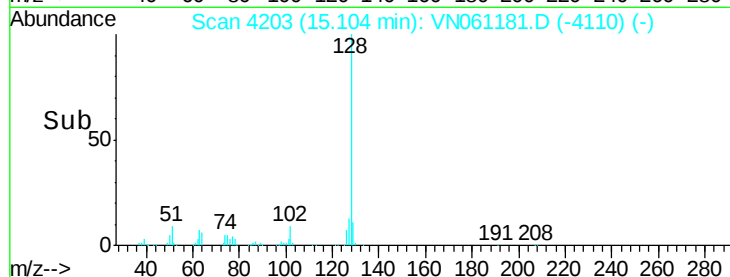
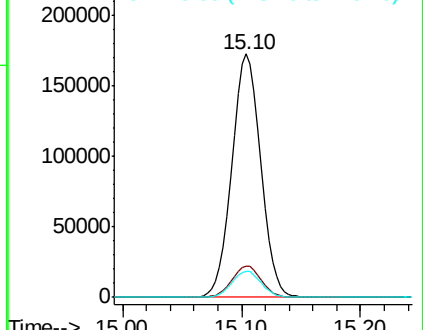
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.085 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061181.D

Acq: 29 Apr 2020 10:02

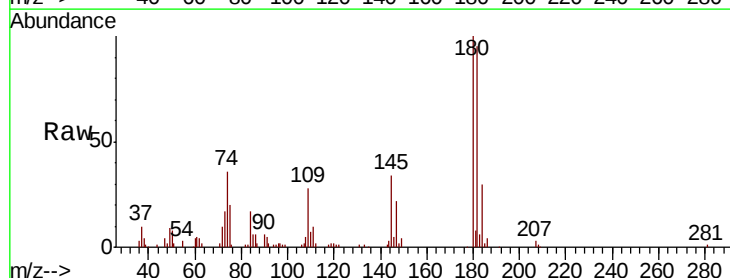
Tgt Ion:180 Resp: 88334

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 33.6 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

